

Historic, Archive Document


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MICHELL'S 1922 Catalog


June — August
32nd Year

SUMMER SEASON SPECIALTIES


Pot Grown Strawberry Plants
Celery and Cabbage Plants
Seasonable Flower Seeds
Seasonable Vegetable Seeds
Insecticides, Hose,
Lawn Sprinklers, etc.



STRAWBERRY
STEVEN'S LATE
CHAMPION



PANSY
MICHELL'S
GIANT EXHIBITION
STRAIN



**Celery Michell's
Winter Queen**



Celery Plants, leading sorts, 75c per hundred;
\$6.00 per 1000. See Page 4.

Strawberry Plants (pot grown), leading varieties, \$1.25 per doz.; \$7.00 per 100; per 1000 \$60.00. See Pages 2-3.

Pansy Seed, Michell's Giant Exhibition Mixture, producing gigantic blooms, pkg. 25c; 75c per large pkg.; 1/8 oz. \$1.75. \$3.00, per 1/4 oz. See also Page 19.

HENRY F. MICHELL CO.

518-516 Market Street
PHILA.

**NOTICE TO CUSTOMERS
OUTSIDE OF THE
UNITED STATES**

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

BUSINESS TERMS

We especially invite Charge Accounts, which is more convenient than to remit for each order at the time it is sent us. When sending your first charge order, please send us the names and addresses of two or more business houses with whom you have had past or present credit relations.

**REGARDS C. O. D.
SHIPMENTS**

Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D.). No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. No C. O. D. orders where the amount is less than 50c., except in the following zone in Philadelphia: Market Street Ferry, to Sixteenth Street, Pine Street, to Vine Street. C. O. D. orders outside of this zone in our delivery limits must amount to \$1.00 or more. During April and May no orders C. O. D. in their entirety can be accepted.

SHIPPING INSTRUCTIONS—Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

PACKING CHARGES—No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

PARCEL POST SHIPMENT AT OUR EXPENSE AS FOLLOWS—We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds, bulbs, plants and sundries are **not included**). If these are wanted by mail, remit for postage according to rate of postage from Philadelphia to your post office.

Parcel Post weight limits are 70 lbs. in 1st, 2d and 3d zone; in all other zones 50 lbs.

CONDITIONS OF SALES

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once and no sale has been made.

HENRY F. MICHELL { PRESIDENT
SECRETARY



HENRY F. MICHELL CO.

FRED'K J. MICHELL { VICE PRESIDENT
TREASURER

SEEDS BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

WAREHOUSES { 509-11-13 LUDLOW ST.
AMERICAN AND DAUPHIN STS.

518-516 MARKET ST., PHILA.
NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

BELL AND KEYSTONE
TELEPHONES

otaex—Lasher.

BULBS, ROOTS, ETC.

Page

Amaryllis..... 7

Callas..... 8

Chinese Lilies..... 10

Crocus..... 8

Freelias..... 7

Gladiolus..... 8

Hyacinths..... 5

Iris..... 8

Jonquils..... 11

Lilies..... 9, 10

Lily of the Valley..... 9

Montbretias..... 8

Narcissus..... 10, 11

Oxalis..... 11

Tulips..... 6

SEEDS

Alfalfa..... 26

Barley..... 26

Beans (Soja)..... 26

Buckwheat..... 26

Clover..... 26

Corn (Kaffir)..... 26

Cow Peas..... 26

Farm Seeds..... 26

Flower Seeds..... 14 to 22

Grass Seeds..... 27

Millet..... 26

Mushroom Spawn..... 24

Rape..... 26

Rye (Winter)..... 26

Timothy..... 26

Vegetable Seeds..... 23 to 25

Vetch..... 26

Wheat..... 26

PLANTS

Brussels Sprouts..... 4

Cabbage..... 4

Celery..... 4

Perennial Plants..... 12, 13

Roses..... 13

Strawberry..... 2, 3

Vegetable Plants..... 4

MISCELLANEOUS

Alphano Inoculant..... 38

Ant Exterminator..... 39

Anti-Clover Fertilizer..... 38

Aphine..... 39

Aphis Punk..... 39

Aprons..... 34

Arsenate of Lead..... 39

Ashes..... 38

Asparagus Fertilizer..... 38

Asparagus Salt..... 38

Auto Spray..... 33

Bacteria..... 38

Bamboo Poles..... 36

Barrels..... 28, 33

Barrel Trucks..... 28

Baskets..... 28, 30

Bel lows..... 34

Black Leaf (40)..... 39

Blood (Dried)..... 38

Bon Arbor..... 38

Bone Meal..... 3, 38

Bone Flour..... 38

Books..... 3

Bordeaux Arsenate..... 39

Bordeaux Mixture..... 39

Border Shears..... 29

Boro Wax..... 39

Bug Death..... 39

Bulb Fibre..... 37

Bulb Pans..... 40

Bulldog Clips..... 37

Cane Stakes..... 36

Carbolineum..... 39

Carnation Bands..... 37

Carnation Clips..... 37

Carnation Staples..... 37

Carnation Supports..... 37

Celery Bleachers..... 4

Celery Handlers..... 4

Celery Hiller..... 28

Charcoal..... 37

Chrysanthemum Manure..... 38

Cider Mills..... 35

Clay's Fertilizer..... 38

Copper Solution..... 39

Copper Strainer..... 34

Cork..... 37

Cotton Seed Meal..... 38

Cow Manure..... 38

Cut Flower Vases..... 40

Cyanegg..... 39

Dahlia Stakes..... 36

Dalmatian Powder..... 39

Dibbles..... 30

Dried Blood..... 38

Dusters..... 34, 35

Edger..... 29

Edging Knives..... 29

Emery..... 29

Extension Pipes..... 33

Farmogerm..... 38

Fern Dish Liners..... 40

Fern Pans..... 40

Fertilizers..... 38

Fish Oil Soap..... 39

Flower Pots..... 40

Flyosan..... 39

Fruit Pickers..... 35

Garden Baskets..... 30

Gathering Baskets..... 30

Getz There Soap..... 39

Glass Clamps..... 35

Glass Cleaner..... 37

Glass Cutters..... 35

Glazing Cement..... 35

Glazing Points..... 35

Grafting Wax..... 37

Grape Bags..... 3rd Cover

Grape Dust..... 39

Grape Grinder..... 35

Grass and Grain Fertilizer..... 38

Grass Catchers..... 28

Grass Edgers..... 29

Grass Hooks..... 29

Grass Manure..... 38

Grass Rakes..... 30

Grass Shears..... 29

Greenhouse White..... 35

Hedge Knives..... 30

Hedge Shears..... 30

Hedge Trimmers..... 30

Hellebore..... 39

Hog Manure..... 38

Horn Shavings..... 38

Hose..... 31

Hose Bands..... 31

Hose Connections..... 31

Hose Couplings..... 31

Hose Coupling Parts..... 31

Hose Menders..... 31

Hose Nozzles..... 31

Hose Reducers..... 31

Hose Reels..... 31

Hose Washers..... 31

Humus..... 38

Hyacinth Stakes..... 36

Hydrant Attachment..... 31

Imp. Soap Spray..... 39

Inoculating Bacteria..... 38

Insecticides..... 39

I X L Compound..... 39

Kainit..... 38

Kaylox..... 39

Kerosene Emulsion..... 39

Kirke Feeder..... 34

Knives..... 30

Labels..... 37

Lamps (Vaporizing)..... 39

Land Plaster..... 38

Lawn Cleaners..... 28

Lawn Guards..... 29

Lawn Mowers..... 28

Lawn Mower Oil..... 29

Lawn Rakes..... 30

Lawn Sand..... 3d Cover, 38

Lawn Shears..... 29

Lawn Signs..... 29

Lawn Sprinklers..... 32

Lawn Trimmers..... 28

Leaf Mould..... 37

Leaf Racks..... 28

Lemon Oil..... 39

Lime..... 38

Limestone..... 38

Lime Sulphur..... 39

Limoid..... 38

Lopping Shears..... 30

Mag-O-Tite..... 39

Manure..... 38

Mastica..... 35

Mastica Machine..... 35

Melrosine..... 39

Mole Traps..... 29

Mo-Lo..... 39

Moss..... 37

Mowers..... 28

Mulford Germ..... 38

Muriate of Potash..... 38

Mushroom Spawn..... 24

Nico Fume..... 39

Nicotine..... 39

Nicotine Fumigator..... 39

Nicotine Sulphate..... 39

Nikoteen..... 39

Nitrate of Soda..... 38

Nozzles..... 31, 33

Nozzle Holder..... 31

Oil Cans..... 29

Orchid Baskets..... 40

Orchid Pans..... 49

Orchid Peat..... 37

Paris Green..... 39

Paris Green Shakers..... 34

Peat..... 37

Pebbles..... 10, 37

Permanite..... 35

Persian Powder..... 39

Phosphate..... 38

Plant Food..... 38

Plant Life..... 38

Plant Stakes..... 36

Plant Tubs..... 40

Plant Support..... 37

Plaster..... 37

Poles..... 35, 36

Potato Fertilizer..... 38

Pots..... 40

Pot Hangers..... 40

Pot Labels..... 37

Poudrette..... 38

Poultry Manure..... 38

Powder Gun..... 34

Protecting Cloth..... 35

Pruners..... 30

Pruning Compound..... 37

Pruning Shears..... 30

P. T. B..... 39

Putty..... 35

Putty Distributors..... 35

Pyrox..... 39

Raffia..... 37

Raffia Tape..... 37

Rakes..... 30

Rat Corn..... 39

Readeana Rose Bug Ext..... 39

Reels..... 31

Rolling Stands..... 40

Rubber Aprons..... 34

Rubber Hose..... 31

Rubbish Baskets..... 28

Rubber Sprinklers..... 35

Rubbish Consumers..... 29

Rustic Furniture..... 35

Salt..... 38

Sand..... 37

Saucers..... 40

Scalecide..... 39

Scale Destroyer..... 39

Scythes..... 29

Scythe Handles..... 29

Scythe Stones..... 29

Seed Pans..... 40

Shaderine..... 37

Shading Cloth..... 35

Shakers..... 34

Shears..... 29, 30

Sheep Manure..... 38

Shoo Fly..... 39

Sickles..... 29

Slug Shot..... 39

Soap Spray..... 39

Soil..... 37

Soot..... 38

Sprayers..... 33, 34

Sprinklers..... 32, 35

Stakes..... 36

Stake Fasteners..... 36

Stim-U-Plant..... 38

Strainer..... 34

Sulco-V. B..... 39

Sulphate of Ammonia..... 38

Sulphate of Potash..... 38

Sulphate of Copper..... 39

Sulpho Tobacco Soap..... 39

Sulphur..... 39

Sulphur Candles..... 39

Supports..... 37

Syringes..... 34

Tankage..... 38

Tennis Court Markers..... 28

Thompson's Manure..... 38

Thrip Juice..... 39

Tinfol..... 37

Tobacco Dust..... 39

Tobacco Soap..... 39

Tobacco Stems..... 38, 39

Toothpicks..... 37

Torches..... 35

Traps..... 29

Tree Labels..... 37

Tree Paint..... 37

Tree Bands..... 39

Tree Tanglefoot..... 39

Trowels..... 30

Tubs..... 40

Twine..... 37

Vaporizing Lamp..... 39

Vases..... 40

Water Barrels..... 28

Water Cans..... 34

Weed Gun..... 3d Cover

Weed Killer..... 3d Cover, 37

Wheat Fertilizer..... 38

Wheelbarrows..... 29

Wine Presses..... 35

Wire..... 36

Worm Killer..... 39

Worm Eradicator..... 39

Zementine..... 37

Zenoleum..... 39

Zinco..... 37

MISCELLANEOUS

Page

Imp. Soap Spray..... 39

Inoculating Bacteria..... 38

Insecticides..... 39

I X L Compound..... 39

Kainit..... 38

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Pots..... 40

Pot Hangers..... 40

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Wire..... 36

Worm Killer..... 39

Worm Eradicator..... 39

Zementine..... 37

Zenoleum..... 39

Zinco..... 37

MICHELL'S POT-GROWN STRAWBERRY PLANTS

EXTRA SELECTED STOCK—STONG AND WELL ROOTED. WILL YIELD A FULL CROP OF BERRIES NEXT SEASON. READY ABOUT JULY 15TH.

The time of shipment is from July 15th to September 15th. The advantages in planting pot-grown strawberry plants are realized by a full crop of berries the following year. Our plants are carefully grown in clay pots and prior to shipment are transferred with the original ball of earth at their roots to substantial paper pots in which they are forwarded, thus insuring the buyer getting them in first-class order and reducing the transportation charges about 25 per cent.

CULTURAL NOTE ON STRAWBERRIES

Strawberries delight in good rich soil that has had plenty of manure added to it. The plants should be set 12 to 15 inches apart in rows 2 feet apart. A row 100 feet long requires approximately 75 to 100 plants or about 14,500 per acre. If the weather is dry when planting, water well at the time and for a few days thereafter, if it is possible. Press the soil well around the ball when planting, and keep the soil well cultivated, cutting off all runners that may form. At the approach of permanent winter it pays to cover the entire bed to a depth of 2 inches with clean straw or salt hay. This protects the plants during severe weather. Do not use leaves, as they hold the moisture and cause damage to the plants in winter. At the approach of spring, rake the covering from the plants proper and leave it between the rows; this will serve as a mulch during the summer, protecting against drought, and also keeping the fruit more free from sand; at the same time to a large measure controls the growth of weeds.

EARLY VARIETIES

Campbell's Early (*Perfect*). An extra early variety of great merit; a vigorous grower, producing enormous crops of large, rich, red berries. Practically all the fruit grows to full size; a fine commercial sort.

Early Jersey Giant (*Perfect*). Pre-eminently the finest of the early varieties. It is brilliant scarlet-crimson in color, and exceptionally firm, by far the firmest of all early sorts. Berries very large, conical with pointed tip; has delightful aroma and rich, mild strawberry flavor. A very heavy yielder.

Premier (*Perfect*). This variety has no weak points, it is a vigorous grower, doing well on all types of soil. The plants are enormously productive, commencing early and bearing through a long season. The berries are beautiful in appearance, having a glossy rich red color extending clear through, and a bright green cap; the flavor is delicious. We consider this one of the very best berries in cultivation.

Senator Dunlap (*Perfect*). This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season. Fruit bright red, glossy and very attractive. It cannot be recommended too highly.



William Belt

Rancocas, N. J.

My order of Strawberry Plants arrived promptly and in fine condition. Thank you for prompt attention. Mrs. G. E. N.



A husky developed specimen like this can't fail but give satisfaction

MID-SEASON VARIETIES

Big Joe (*Perfect*). The merits of this splendid variety are great vigor of plant, splendid root system, exceptional productiveness, large size of fruit, excellent flavor, and length of bearing season. The berries are perfect beauties, of very uniform, conical shape, rich red in color. In size the berries are not surpassed by those of any other variety grown, while the flavor is superior to that of most large fruited sorts.

Brandywine (*Perfect*). One of the finest of mid-season sorts; it has not a single defect. The plants are of extra strong constitution and growth, doing well everywhere. Fruit extra large, heart-shaped; color, bright, rich red.

Marshall (*Perfect*). An old variety very highly esteemed. The plant is of vigorous growth and healthy foliage when grown upon fertile soil. Berries are large, of rich quality and meaty texture.

William Belt (*Perfect*). Chosen for its popularity because of the many good qualities embodied in this one variety. The plant is vigorous, though not a rampant grower; succeeds on all soils, invariably yields heavily, and continues for a long period; the berries are always of large size and highest quality; deep crimson in color and very firm. Continues to bear until almost the close of the season.

Price of Pot-grown Strawberries on this page \$1.25 per dozen; per 100, \$7.00; \$60.00 per 1000.

NOTE—Layer Plants of any of the above varieties, usually ready in October, depending upon the season, at 75c per dozen; 25 for \$1.00; \$1.50 per 50; per 100, \$2.00; \$4.75 for 250; per 1000, \$17.50. If wanted by Parcel Post add 5c. per doz. or 15c. per 100 for postage. Larger quantities travel best by express.

LATE SEASON VARIETIES

Chesapeake (Perfect). This is a wonderful berry, especially with high culture upon loam or clay loam. The berries are uniform in size and shape, the prevailing form being heart-shaped; the color is bright crimson and the flesh firm and of good quality; plants vigorous and healthy, with large foliage.

Gandy's Prize (Perfect). This variety is known to most every berry grower as one of the best late sorts. It is very large, solid and of a beautiful crimson color; especially good for family garden planting.

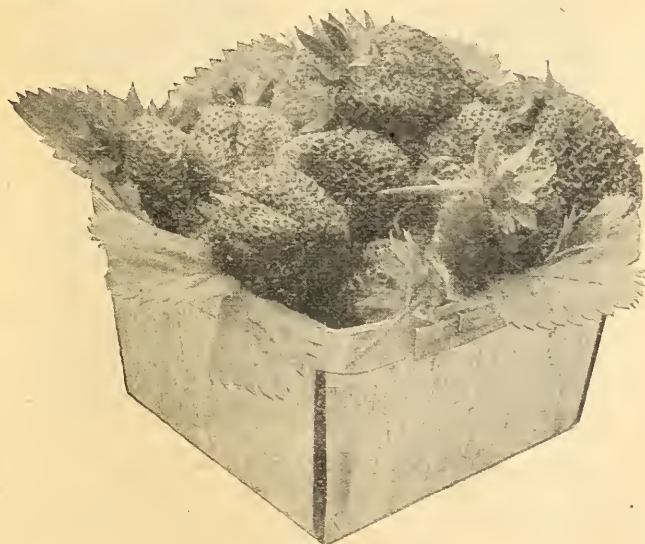
Stevens' Late Champion (Perfect). "Very large; fine flavored; bright color; good shipper; heavy yielder; good fruit stem." This berry has averaged 7556 quarts per acre. It has been tested on all kinds of soil and will grow successfully where any strawberry will grow. It will stand a drought better than any other berry ever grown in this section. It has never shown any sign of rust.

Price of Pot-grown Late-Season Varieties Strawberries, \$1.25 per dozen; per 100, \$7.00; \$60.00 per 1000.

NOTE—Layer plants of any of the above varieties, usually ready in October, depending upon the season, at 75c. per doz.; 25 for \$1.00; \$1.50 for 50; per 100, \$2.00; \$4.75 for 250; per 1000, \$17.50. If wanted by Parcel Post add 5c. per doz. or 15c. per 100 for postage.

BOOKS ON THE CULTURE OF THE STRAWBERRY, ETC.

Berry Book (Biggle).....\$0.75
Fruit Culturist (Thomas)..... 3.50
Fruit Garden (Barry)..... 2.00
Home Fruit Grower. Cloth..... 1.65
 Paper..... 1.10
Principles of Fruit Growing (Bailey). 2.00
Small Fruit Culturist (Fuller)..... 1.50
Strawberry Culture (Fuller)..... .40



Stevens' Late Champion

Mt. Morris, N. Y.
 Plants arrived yesterday; I want to compliment you on a shipment of fine healthy, green, beautiful looking plants, packed splendidly and received in very good condition.

E. C. S.

See Special Cultural Note on Page 2



Type of Ever-bearing Strawberries

AUTUMN FRUITING OR EVER-BEARING STRAWBERRY PLANTS

This type, while producing its main crop of berries with the general sorts, continues uninterruptedly to mature its fruit, until checked by hard frosts; it has actually been known to bear strawberries until Christmas, when the weather is open and mild. In order to get the greatest crop of berries late, the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. The plants must not be allowed to suffer for water in the fruiting season and a mulch of well rotted cow manure will be found of great advantage.

Progressive. The berries are medium in size and delicious in quality. You can get fruit a few weeks after the plants are set and they continue to bear until freezing weather.

Price of Ever-bearing Strawberry Plants (Pot-grown), \$1.35 per dozen; per 100, \$8.00; \$70.00 per 1000.

Layer Plants usually ready in October, depending on the season, 75c. per doz.; 25 for \$1.00; \$1.50 for 50; per 100, \$2.75; \$6.00 for 250; per 1000, \$22.50.

MICHELL'S SPECIAL GRADE BONE MEAL

An excellent fertilizer to use when planting strawberries; about a teaspoonful to a plant. 25 lbs., \$1.40; \$2.50 per 50 lbs.; 100 lbs., \$4.00; \$6.75 per 200 lbs.

Gentlemen:

The splendid plants reached me in fine shape. They will never know they have been moved.

West Chester, Pa.

Mrs. S. J. L.

MICHELL'S SEASONABLE VEGETABLE PLANTS



EXTRA STRONG CELERY PLANTS

(Ready About July 10)

A WORD ON CELERY CULTURE.—Celery delights in a good, rich, moist soil. Locations where the soil may become dry should be avoided. Nothing is more beneficial or so little work as the watering of celery during periods of drought. After it has been transplanted and made some growth, the plants should be set in permanent rows 6 to 8 inches apart in the row. Many private gardeners prefer to use the two-row system of trenches; it will be found very advantageous to work. If the idea of the market gardener is carried out, the celery is planted in single rows about 2 feet apart, 6 or 8 inches apart in the row. By the former method the celery is usually banked up to blanch until almost entirely covered with soil; the top is then covered with leaves or other litter as winter approaches. In the single-row system the celery is banked up gradually to blanch, and after this process is over, at the approach of winter it is dug up and laid in shallow trenches after being cleaned. Storing for winter is done by covering it with waterproof celery paper and topping off with soil or leaves. The celery may thus be gotten out for market during the severest weather. Good cultivation is highly necessary during the growing period.

French Golden Self-Blanching. An early sort. The heart is a rich golden-yellow, with light yellowish-green outer leaves.

Giant Pascal. One of the largest stalked kinds. It is in its prime for use during February and March, and can be used well up into spring.

White Plume. The White Plume is unsurpassed for fall and early winter use, requiring very little earthing to blanch it.

Winter Queen. This variety grows a very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color.

Price of any of above Celery Plants, 75c. per 100; 500 for \$3.25; \$6.00 per 1000.

We cannot supply less than 50 celery plants of any one variety.

If wanted by Parcel Post allow 4 lbs. weight per 100 for postage.

Southern Pines, N. C.

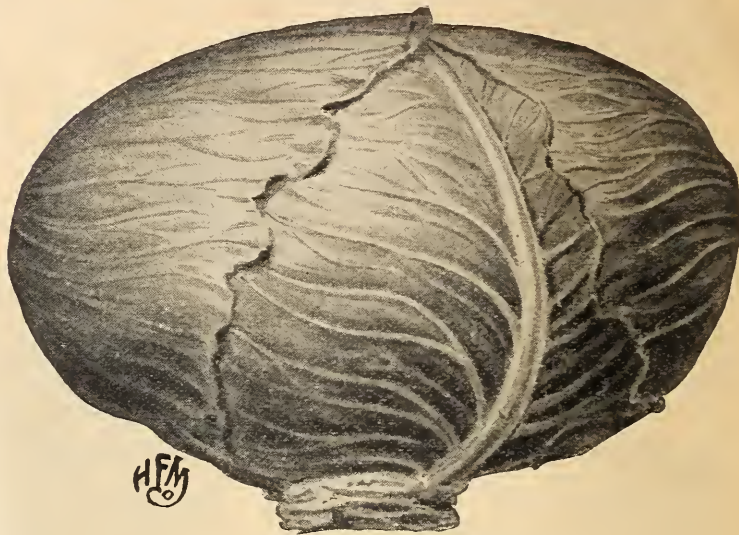
The Celery Plants arrived in perfect condition, and are now growing rapidly. I thank you for your courtesy.

Mrs. J. S. B.

BRUSSELS SPROUTS PLANTS

(Ready from July 1st to August 15th)

Matchless Improved. The plants should be well cultivated and kept free from insects. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. 25 for 25c.; 75c. per 100; per 1000, \$6.00. If wanted by Parcel Post, add 10c. per 100 for postage.



Late Flat Dutch Cabbage

CABBAGE PLANTS

Danish Ballhead. Unequaled for keeping qualities, massiveness and weight of heads.

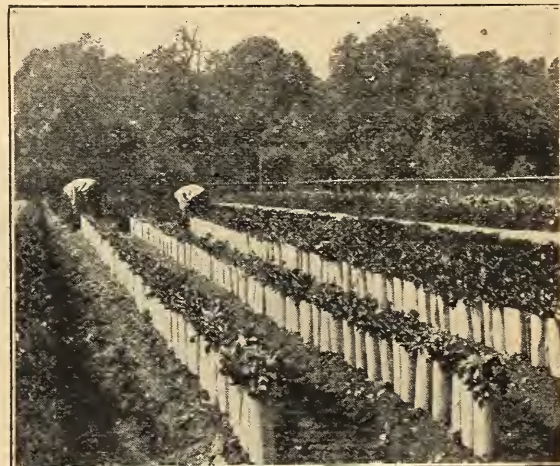
Late Flat Dutch. A short stemmed, large, flat-headed variety; very solid; keeps the entire winter when buried in cellars or pits.

Red Dutch Drumhead. This cabbage is very sweet and should be used more largely. It is an excellent winter keeper.

Price of any of above Cabbage Plants, 25 for 25c.; 60c. per 100; per 1000, \$5.00.

We cannot supply less than 25 cabbage plants of a variety.

If wanted by Parcel Post, add 15c. per 100 for postage.



THE BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early; made of stiff, heavy paper. If the tubes are to be left on the plants all winter and the soil drawn around them, you get celery clean and sweet.

			Per 50	100	1000
No. 1.	6 x 12 in.	Wt. per 100, 8 lbs.	\$1.75	\$3.25	\$28.00
No. 2.	6½ x 13 in.	Wt. per 100, 10 lbs.	2.25	4.00	35.50
No. 3.	7 x 14 in.	Wt. per 100, 14 lbs.	2.50	4.25	37.00

BALL CELERY HANDLER

Brass, \$4.50 each.

Tin, \$1.75 each.

MICHELL'S RELIABLE BULBS

5

FOR WINTER AND EARLY SPRING BLOOMING

Send us your order now and the bulbs will be forwarded as soon as they reach us. Our General Bulb Catalog will be ready September 1st, and will contain a complete list of Bulbs for fall planting.

(Dutch Hyacinth Bulbs ready in September)

SINGLE FIRST SIZE HYACINTHS

	Each	Doz.	100	1000
City of Haarlem. Golden yellow....	\$0.20	\$1.60	\$10.00	\$85.00
Gertrude. Bright pink.....	.20	1.60	10.00	85.00
Gigantea. Flesh pink.....	.20	1.60	10.00	85.00
Grand Maitre. Bright porcelain....	.20	1.60	10.00	85.00
King of Blues. Deep blue.....	.20	1.60	10.00	85.00
King of Yellows. Orange yellow....	.20	1.60	10.00	85.00
Lady Derby. Delicate pink.....	.20	1.60	10.00	85.00
La Grandesse. Snow white.....	.20	1.60	10.00	85.00
L'Innocence. Pure white.....	.20	1.60	10.00	85.00
Moreno. Deep rose.....	.20	1.60	10.00	85.00
Queen of the Blues. Silvery blue...	.20	1.60	10.00	85.00
Queen of Pinks. Brilliant pink....	.20	1.60	10.00	85.00
Roi des Belges. Deep red.....	.20	1.60	10.00	85.00
Yellow Hammer. Pure yellow.....	.20	1.60	10.00	85.00

SECOND SIZE SINGLE HYACINTHS

For bedding, or forcing in pots and pans.

	Each	Doz.	100	1000
City of Haarlem. Golden yellow....	\$0.15	\$1.40	\$8.50	\$72.00
Gertrude. Bright pink.....	.15	1.40	8.50	72.00
Gigantea. Flesh pink.....	.15	1.40	8.50	72.00
Grand Maitre. Bright porcelain....	.15	1.40	8.50	72.00
King of Blues. Deep blue.....	.15	1.40	8.50	72.00
King of Yellows. Orange yellow....	.15	1.40	8.50	72.00
Lady Derby. Delicate pink.....	.15	1.40	8.50	72.00
La Grandesse. Pure white.....	.15	1.40	8.50	72.00
L'Innocence. Pure white.....	.15	1.40	8.50	72.00
Moreno. Deep rose.....	.15	1.40	8.50	72.00
Queen of the Blues. Silvery blue...	.15	1.40	8.50	72.00
Queen of Pinks. Brilliant pink....	.15	1.40	8.50	72.00
Roi des Belges. Deep red.....	.15	1.40	8.50	72.00
Yellow Hammer. Pure yellow.....	.15	1.40	8.50	72.00

DOUBLE FIRST SIZE HYACINTHS

	Each	Doz.	100	1000
Blocksberg. Light blue.....	\$0.20	\$1.60	\$10.00	\$85.00
Bouquet Tendre. Dark carmine....	.20	1.60	10.00	85.00
Delicata. Pale blue.....	.20	1.60	10.00	85.00
Garrick. Blue, dark center.....	.20	1.60	10.00	85.00
Lord Wellington. Rich pink.....	.20	1.60	10.00	85.00
Prince of Waterloo. Pure white....	.20	1.60	10.00	85.00
Sunflower. Pure yellow.....	.20	1.60	10.00	85.00

NAMED EXHIBITION HYACINTHS

A selection of the largest possible bulbs to be obtained; we offer them in single varieties only.

	Each	Doz.	100	1000
Gertrude. Bright pink.....	\$0.25	\$2.25	\$15.00	\$110.00
Grand Maitre. Porcelain blue.....	.25	2.25	15.00	110.00
King of Blues. Deep blue.....	.25	2.25	15.00	110.00
Lady Derby. Delicate pink.....	.25	2.25	15.00	110.00
La Grandesse. Snow white.....	.25	2.25	15.00	110.00
Queen of Pinks. Brilliant pink....	.25	2.25	15.00	110.00
Roi des Belges. Deep red.....	.25	2.25	15.00	110.00
Yellow Hammer. Pure yellow.....	.25	2.25	15.00	110.00

CHOICE BEDDING HYACINTHS (Unnamed)

SINGLE AND DOUBLE FLOWERING

	Each	Doz.	100	1000
Deep Pink.....	\$0.10	\$0.80	\$5.00	\$43.00
Dark Red.....	.10	.80	5.00	43.00
Pure White.....	.10	.80	5.00	43.00
Light Blue.....	.10	.80	5.00	43.00
Deep Blue.....	.10	.80	5.00	43.00
Yellow.....	.10	.80	5.00	43.00
Mixed. All colors.....	.10	.75	4.75	42.00

CHRISTMAS FLOWERING DUTCH ROMAN HYACINTHS

(Ready in August)

These specially prepared Hyacinths are peculiarly adapted for pot culture and early flowering. Can be made to bloom just at holiday season.

	Each	Doz.	100	1000
Bismarck. Light sky blue.....	\$0.15	\$1.25	\$6.75	\$60.00
L'Innocence. Pure white.....	.15	1.25	6.75	60.00
Moreno. Deep rose.....	.15	1.25	6.75	60.00



Michell's Monster White Roman Hyacinths

FRENCH ROMAN HYACINTHS (Ready in August)

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant.

Easily grown in pots or pans; if bulbs are potted in August or September, the pots plunged in the open ground for a month, until well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of flowers may be had, by bringing in a few pots or pans at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large for six bulbs. They are not hardy and are not suitable for outdoor planting.

	Each	Doz.	100	1000
White. Extra select, size 12-15 cm.	\$0.15	\$1.50	\$11.00	\$100.00
“ Mammoth, 13-15 cm.....	.18	1.75	13.00	120.00
“ Monster, 15 cm. and over...	.20	2.00	14.00	127.50
Light Blue.....	.10	1.00	7.25	65.00
Light Pink.....	.15	1.40	10.00	90.00
White Italian.....	.15	1.40	10.00	90.00

Parcel post weight, 1 lb. per doz., per 100, 8 lbs.

MINIATURE, OR DUTCH ROMAN HYACINTHS

Excellent for growing in pans, boxes or pots.

	Each	Doz.	100	1000
Gertrude. Deep pink.....	\$0.07	\$0.60	\$4.00	\$34.00
Gigantea. Light pink.....	.07	.60	4.00	34.00
Grand Maitre. Bright blue.....	.07	.60	4.00	34.00
King of the Blues. Deep blue....	.07	.60	4.00	34.00
Lady Derby. Delicate pink.....	.07	.60	4.00	34.00
La Grandesse. Pure white.....	.07	.60	4.00	34.00
L'Innocence. Pure white.....	.07	.60	4.00	34.00
Nimrod. Clear pink.....	.07	.60	4.00	34.00
Roi des Belges. Fine deep crimson.	.07	.60	4.00	34.00
Yellow Hammer. Pure yellow....	.07	.60	4.00	34.00

MICHELL'S RELIABLE BULBS

We have affixed in front of the varieties figures denoting the approximate height.

(Tulip Bulbs ready in September.)

SINGLE EARLY TULIPS

	Doz.	100	1000
8 Artus. Scarlet.....	\$0.55	\$3.25	\$26.50
8 Belle Alliance. Rich scarlet.....	.70	4.25	37.50
12 Brilliant Star. Brilliant scarlet.....	1.10	7.00	64.00
11 Cardinal Rampollo. Yellow, bordered orange.....	.90	6.00	55.00
10 Chrysolora. Golden yellow.....	.65	3.75	31.50
8 Cottage Maid. Pink and white.....	.70	4.25	36.50
10 Couleur de Cardinal. Scarlet.....	.85	5.50	47.50
10 Cramoise Brilliant. Scarlet.....	.55	3.25	26.00
12 Duchess de Parma. Orange scarlet, yellow border.....	.65	3.75	31.50
7 Duc v. Thol. Scarlet.....	.55	3.25	26.00
7 Duc v. Thol. Cochineal. Vermillion....	.70	4.25	36.50
12 Flamingo. Bright pink, shaded deeper....	.90	5.75	50.00
10 Herman Schlegel (<i>Primrose Queen</i>). Pale yellow.....	.50	3.00	23.50
9 Joost v. Vondel White (<i>Lady Boreel</i>). Pure white.....	.75	4.75	41.00
12 Kaiserkroon. Red, gold border.....	.65	3.75	31.50
10 La Reine. White.....	.45	2.75	20.00
10 McKinley. Rose, shaded carmine.....	.70	4.25	36.50
10 Mon Tresor. Golden yellow.....	.65	3.75	32.00
12 Pink Beauty. Rich pink.....	.90	6.00	53.00
12 Prince of Austria. Orange scarlet.....	.70	3.75	33.00
8 Proserpine. Glossy pink.....	.90	6.00	52.50
8 Prosperity. Rose pink.....	.65	3.75	31.00
10 Rose Luisante. Deep pink.....	.95	6.00	53.00
10 Vermilion Brilliant. Rich scarlet.....	.90	5.75	50.00
12 White Hawk. Pure white.....	.85	5.25	45.00
9 Wouverman. Violet.....	.65	3.75	31.50
8 Yellow Prince. Golden yellow.....	.55	3.25	26.50

SINGLE TULIPS IN MIXTURE

	Doz.	100	1000
Early Varieties, Superfine Quality.....	\$0.40	\$2.40	\$19.00

DOUBLE EARLY TULIPS

	Doz.	100	1000
10 Boule de Neige. Pure white.....	\$0.70	\$4.25	\$37.50
12 Couronne d'Or. Rich yellow.....	.75	4.75	41.00
10 Imperator Rubrorum. Brilliant scarlet....	.80	5.00	43.00
12 Le Matador. Brilliant scarlet.....	.75	4.60	40.00
7 Murillo. Pink, suffused white.....	.45	2.75	20.00
8 Rubra Maxima. Dazzling scarlet.....	.65	3.60	31.00
10 Salvator Rosa. Deep rose.....	.60	3.50	30.00
8 Treador. Rich orange.....	.90	6.00	53.00
8 Tournesol, Red and Yellow. For bedding.....	.75	4.75	41.00

DOUBLE MIXED TULIPS

	Doz.	100	1000
Early Varieties, Superfine Quality.....	\$0.40	\$2.50	\$20.00

TULIPS IN SEPARATE COLORS

UNNAMED, SINGLE AND DOUBLE

(For Bedding Only)

	Doz.	100	1000
Pink, in all shades.....	\$0.45	\$2.50	\$20.00
Red and Scarlet, in all shades.....	.45	2.50	20.00
White, in all shades.....	.45	2.50	20.00
Yellow, in all shades.....	.45	2.50	20.00

REMBRANDT TULIPS

These belong to the Darwin class; flowers striped and variegated. Height, 18 to 22 inches.

	Doz.	100	1000
Bougainville. Amaranth blue, striped white	\$0.90	\$6.00	\$50.00
Red Prince. Rose, flamed scarlet.....	.90	6.00	50.00
Salome. Carmine rose with white markings	.90	6.00	50.00
Semele. White, feathered rosy pink.....	.90	6.00	50.00

DARWIN TULIPS

These are a class that bloom after the other Tulips have flowered; the flowers are borne on long stems.

	Doz.	100	1000
28 Ariadne. Fiery, scarlet red.....	\$0.90	\$6.00	\$51.00
14 Bartigon. Fiery red.....	.90	6.00	55.00
20 Clara Butt. Soft rose; fine forcer.....	.70	3.75	33.00
23 Glow. Scarlet, margined white.....	.85	5.50	48.00
18 Gretchen. Soft salmon rose.....	.70	3.75	33.00
26 La Tristesse. Violet, white base.....	.80	4.75	42.00
25 La Tulipe Noire. Almost true black....	.75	4.60	40.00
20 May Queen. Soft rose, very large.....	.75	4.60	40.00
26 Mme. Krelage. Rosy lilac.....	.80	4.75	42.00
24 Mr. Farncombe Sanders. Scarlet.....	.90	5.75	50.00
28 Mrs. Potter Palmer. Deep purple.....	.70	3.75	33.00
23 Nauticus. Purple rose.....	.75	4.25	37.50
24 Philippe de Commynes. Purple.....	.75	4.25	38.50
24 Pride of Haarlem. Glossy pink.....	.70	4.00	35.00
26 Psyche. Light rose.....	.70	4.25	36.00
20 Rev. H. Ewbank. Light heliotrope.....	.70	3.75	33.00
20 Sultan. Very dark, almost black.....	.65	3.60	31.00
25 Suzon. Soft salmon rose.....	.75	4.25	38.50
24 Wally Moes. Silvery heliotrope.....	1.20	7.50	65.00
14 W. Copeland. Delicate lavender.....	.80	5.25	46.00
22 White Queen. Creamy white, tinted rose	.75	4.75	41.00
Darwin Mixed, all colors.....	.55	3.25	28.00

COTTAGE GARDEN OR LATE TULIPS

All single flowering except where noted.

	Doz.	100	1000
19 Blue Flag (<i>Double</i>). Violet blue.....	\$0.75	\$4.60	\$40.00
24 Gesneriana Lutea. Rich yellow.....	.65	4.00	34.00
24 Gesneriana Rosea. Rosy carmine.....	.60	3.60	31.00
24 Gesneriana Spathulata. Rich scarlet, blue-black centre.....	.70	4.25	36.50
18 Golden Crown. Pure yellow, with narrow red margin.....	.70	4.25	37.50
16 Inglescombe Scarlet. Brilliant vermilion, with black centre.....	.70	4.25	37.50
16 Inglescombe Pink. Salmon pink.....	.65	4.00	34.50
16 Inglescombe Yellow. Bright yellow....	.65	3.75	31.00
24 Moonlight. Canary yellow.....	.80	4.75	42.00
20 Picotee (<i>Maiden's Blush</i>). White with distinct pink edged border.....	.70	3.75	33.00
15 Royal White. Pure white.....	.90	6.00	55.00
12 Sarah Bernhardt. (<i>Hobbema or Le Reve</i>). Exquisite soft rose.....	1.40	8.00	72.00
May Flowering Tulips (<i>Single</i>). Mixed	.55	3.25	26.50

BREEDER TULIPS

A May-flowering type, similar to the Darwins, in their tall, strong growth, but an entirely different range of colors.

	Doz.	100	1000
25 Apricot. Apricot orange.....	\$0.90	\$6.00	\$55.00
24 Aspasia. Wine red, shaded purple.....	.90	6.00	55.00
24 Bronze Queen. Soft buff, inside tinged golden bronze.....	.80	4.75	42.00
28 Cardinal Manning. Wine red, flushed rosy brown.....	.85	5.25	45.00
25 General Ney. Olive and bronze.....	.90	6.00	55.00
24 Godet Parfait. Violet blue.....	1.50	8.25	75.00
21 Jaune d'Oeuf. Rosy lilac, yellow bordered.....	.85	5.25	45.00
24 Prince of Orange. Golden orange.....	.90	6.00	55.00
24 Yellow Perfection. Light, bronze yellow.....	.80	4.75	42.00

PARROT OR DRAGON TULIPS

(Late)

	Doz.	100	1000
Constantinople. Orange red, marked brown.....	\$0.65	\$4.00	\$34.50
Lutea Major. Bright yellow.....	.65	4.00	34.50
Markgraaf of Baden. Yellow, striped scarlet and green.....	.65	4.00	34.50
Mixed. All colors.....	.60	3.50	28.00



CALLA LILY BULBS (See Next Page)

Amaryllis, Hybrids of Vittata

AMARYLLIS (Ready in October)

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

Cultural Directions.—Place bulbs in live moss, only moderately moist, near window of a warm room. When the first sign of growth appears through the top, get a six-inch pot and be ready to pot them up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Water moderately at first, but increase as growth increases, then place in a warm, light room near the window.

Belladonna. A beautiful bright pink. 25c. each; doz., \$2.50; \$17.50 per 100.

Hybrids of Vittata. The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers as well as in the diversity of colors and markings all former hybrids; flowers striped and flaked. \$1.00 each; per doz., \$11.00.

FREESIA "PURITY"

This grand type supersedes all the old varieties of Freesias. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs	\$0.04	\$0.35	\$2.25	\$17.50
Mammoth Size Bulbs	.03	.65	3.50	27.50
Monster Size Bulbs	.10	.90	5.50	48.00
Jumbo Bulbs	.15	1.50	8.00	70.00

FREESIA "FISCHERI"

An improvement over Purity Freesia, the originator claiming it to be the finest, largest, purest and most fragrant of any variety. 15c. each; doz., \$1.25; \$8.25 per 100; per 1000, \$75.00.

NEW COLORED FREESIAS

Equal in size to the "Purity." These colored Freesias produce flowers of excellent form and splendid texture.

	Each	Doz.	100	1000
Lavender	\$0.12	\$1.10	\$6.50	\$60.00
Pink	.12	1.10	6.50	60.00
Rainbow Mixture	.10	1.00	6.00	55.00

SPECIAL NOTICE.—Owing to the new Plant Quarantine which took effect June 1, 1919, prohibiting the importation of certain bulbs, our list of miscellaneous varieties is not as comprehensive as in former years.

Bulbs I purchased from you did splendidly. I hope to order considerably more this year.
Shiremanstown, Pa.
G. H. R.



Purity Freesia

Six Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oo)

MICHELL'S RELIABLE BULBS



CALLA LILY BULBS

(Ready in September)

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

GODFREY DWARF EVERBLOOMING CALLA

This comparatively new calla has proven an excellent one; its character is exactly like the *Aethiopica* or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant. Large blooming size bulbs, 30c. each; doz., \$3.00; \$20.00 per 100.

CALLA AETHIOPICA

	Each	Doz.	100
White, Monster Size, 2 to 2½ in. diam.	\$0.60	\$6.00	\$37.50
" Mammoth Size, 1¾ to 2 in. diam.	.40	3.50	24.00
" Medium Size, 1½ to 1¾ in. diam.	.30	3.00	17.50
" First Size, 1¼ to 1½ in. diam.	.20	1.75	12.50

YELLOW CALLA (*Elliottiana*)

The rich, golden yellow flowers are large and massive.

Large Bulbs, ready in October, 45c. each; doz., \$4.00; \$27.50 per 100.

SPOTTED CALLAS (Ready in October)

Flowers white; foliage green spotted white. 40c. each; doz., \$3.25; \$22.50 per 100.

CROCUS

(Ready in September)

These are most effective for borders or beds, also for planting in clumps amongst shrubbery. In lawns, planted in the grass the Crocus are extremely effective. The Giant Flowering varieties are also splendid for flowering in pots.

GIANT NAMED CROCUS

	Doz.	100	1000
Baron von Brunow. Deep blue	\$0.25	\$1.40	\$10.75
Cloth of Gold. Rich yellow, brown veins	.35	2.00	16.50
Cloth of Silver. Silvery white, striped lilac	.35	2.00	16.50
King of the Blues. Purple	.25	1.40	10.25
Mont Blanc. Pure white	.25	1.40	10.75
Sir Walter Scott. White, striped lilac	.25	1.40	10.25
Giant Named Mixed	.25	1.50	12.00

MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple	\$0.20	\$1.00	\$7.50
Striped	.20	1.00	7.50
White	.20	1.00	7.50
Yellow	.25	1.20	8.50
Yellow. Mammoth size	.30	1.50	12.00
Yellow. Giant size	.50	2.60	21.50
Mixed. All colors	.20	1.00	7.50

Dozen lots of Crocus mailed free. Weight, per 100, 2 lbs.

GLADIOLUS (For Forcing)

COLVILLEI TYPE (Ready in October)

As soon as received the bulbs should be planted in flats or pans and stored in a cold frame or other protected place. About February 1st they should be brought into gentle heat and light. They should not be brought into bloom until April or May.

Ackermanni. Salmon, flaked carmine	Doz.	100	1000
violet eye	\$1.00	\$6.50	\$60.00
Blushing Bride. White, blotched crimson	1.00	6.50	60.00
Peach Blossom. Delicate pink	1.00	6.50	60.00
The Bride. Pure white	1.00	6.50	60.00

SPANISH IRIS (Irish Hispanica)

(Ready in October)

Graceful, slender stems, with loose but beautiful flowers, the charming colors producing a combination not surpassed by an orchid. The finest effects are produced when planted in clumps in the perennial border; flowering period May and early June. They are also excellent for growing in pots indoors.

	Doz.	100
Belle Chinoise. Deep yellow	\$0.75	\$5.00
Cajanus. Canary yellow, orange blotches	.75	5.00
Filifolia. Dark blue, orange blotches	.85	5.25
Flora. Creamy white, pale lavender standard	.75	5.00
Heavenly Blue. Light blue, standard darker	.75	5.00
King of the Blues. Deep purplish blue	.75	5.00
King of the Whites. Pure white	.75	5.00
Queen Wilhelmina. Beautiful white, with small yellow blotches	.75	5.00
Royal Blue. Clear blue; extra large	.75	5.00

DUTCH IRIS (Hollandia)

These are best described as a giant strain of early flowering Iris Hispanica, blooming fully two weeks earlier; flowers very large.

	Doz.	100
Anton Mauve. Soft blue	\$0.85	\$5.25
Brijet. Porcelain blue, with greyish lilac	.85	5.25
Hart Nibrig. Brilliant, clear blue	.85	5.25
Hartz. Purple blue, flaked lilac	.85	5.25
Hobbema. White, inside tinged blue, yellow falls	.85	5.25
Roland Holst. Lilac, with pale yellow lips	.85	5.25
Van der Venne. Lilac and creamy white	.85	5.25

IRIS TINGITANA

A beautiful light blue; excellent for early forcing; can easily be had in bloom in December

MONTBRETIAS (Ready in December)

A beautiful flowering bulb resembling a miniature Gladiolus; absolutely hardy and only effective when planted in masses of from 50 to 100 bulbs in a clump.

	Doz.	100	1000
Aurantiaca. Deep orange	\$1.25	\$8.50	\$75.00
Fire King. Bright scarlet	1.25	8.50	75.00
Geo. Davison. Pure yellow	1.25	8.50	75.00
Gerbe d'Or. Golden yellow	1.25	8.50	75.00
Germania. Brilliant scarlet	1.25	8.50	75.00

MICHELL'S RELIABLE BULBS

9

LILIUM HARRISII (The Bermuda Easter Lily)

Cultural Note.—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. **Thorough rooting is most essential.**

MICHELL'S "SPECIAL BRAND" LILIUM HARRISII (True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering.

6 to 7 inches circum.....	} Prices will be established later.
7 to 9 inches circum.....	
9 to 11 inches circum.....	
11 to 13 inches circum.....	



Lilium Giganteum

LILIUM LONGIFLORUM GIGANTEUM (True)

P. P. Wt. per doz.

6 to 8 inches circum., 2½ lbs.....	} Prices will be established later.
7 to 9 inches circum., 3½ lbs.....	
8 to 10 inches circum., 4 lbs.....	
9 to 10 inches circum., 5 lbs.....	
Monster Bulbs, 7 lbs.....	

LILIUM LONGIFLORUM MULTIFLORUM MICHELL'S SPECIAL BRAND (Ready in October)

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

P. P. Wt. per doz.

6 to 8 inches circum., 3 lbs.....	} Prices will be established later.
7 to 9 inches circum., 3½ lbs.....	
8 to 10 inches circum., 4 lbs.....	
9 to 10 inches circum., 5 lbs.....	

LILIUM FORMOSUM (The Formosa Easter Lily)

Similar to the Bermuda Lily, but blooms earlier.

Dark Stemmed Type
(Flowering generally in March and April)
P. P. Wt. per doz.

6 to 8 inches circum., 3 lbs.....	} Prices will be established later.
7 to 9 inches circum., 3½ lbs.....	
8 to 10 inches circum., 4 lbs.....	
9 to 10 inches circum., 5 lbs.....	
10 to 12 inches circum., 7 lbs.....	

Green Stemmed Type
(Flowering generally in January, February and March)
P. P. Wt. per doz.

7 to 9 inches circum., 3½ lbs.....	} Prices will be established later.
8 to 10 inches circum., 4 lbs.....	
9 to 10 inches circum., 5 lbs.....	
10 to 12 inches circum., 7 lbs.....	
Monster Bulbs, 9 lbs.....	

LILIUM LONGIFLORUM "AZORES"

A splendid strain, grown at the "Azores," producing strong, uniform flowers. Free from disease; an early bloomer.

6 to 7 inches circum.....	} Prices will be established later.
7 to 9 inches circum.....	
9 to 11 inches circum.....	

MISCELLANEOUS HARDY LILIES

(Ready in November)

Auratum (Golden Banded Lily). White, spotted crimson, with band of yellow in center of each petal.	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.30	\$3.25	\$22.50
Mammoth Bulbs, 9 to 11 inch circum....	.45	4.75	35.00
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00
Batemanni . Apricot colored.....	.50	4.00	
Brownii . White inside, outside brown....	.75	7.50	50.00
Canadense . Yellow, spotted black inside..	.20	2.00	15.00
Canadense Rubrum . Crimson, black spots	.40	4.00	25.00
Elegans, Leonard Joerg . Apricot pink...	.35	3.50	20.00
Hansoni . Flowers reddish orange.....	.75	7.50	50.00
Henryi . Orange yellow.....	.75	7.50	50.00
Krameri . Blush pink.....	.50	4.00	
Macranthum . Giant golden banded lily...	.60	6.50	
Regale (<i>Myriophyllum</i>). White, shaded yellow.....	1.00	10.00	75.00
Speciosum Album . Pure white.			
Large Bulbs, 8 to 9 inch circum.....	.30	3.25	22.50
Mammoth Bulbs, 9 to 11 inch circum....	.45	4.75	35.00
Monster Bulbs, 10 to 12 inch circum.....	.60	6.50	45.00
Speciosum Magnificum . Deep pink, spotted crimson.			
Large Bulbs, 8 to 9 inch circum.....	.30	3.25	22.50
Mammoth Bulbs, 9 to 11 inch circum....	.45	4.75	35.00
Monster Bulbs, 11 to 13 inch circum....	.60	6.50	45.00
Speciosum Rubrum or Roseum . Delicate pink, spotted red.			
Large Bulbs, 8 to 9 inch circum.....	.30	3.25	22.50
Mammoth Bulbs, 9 to 11 inch circum....	.45	4.75	35.00
Monster Bulbs, 11 to 13 inch circum....	.60	6.50	45.00
Superbum (<i>Turk's Cap Lily</i>). Orange red.	.25	2.50	15.00
Tenuifolium (<i>Coral Lily</i>). Scarlet.....	.35	3.50	25.00
Tigrinum Splendens (<i>Tiger Lily</i>). Orange, spotted black.			
Single flowering.....	.25	2.50	18.00
Double flowering.....	.30	3.00	22.50
Wittei . White, yellow band.....	1.00	11.00	

LILY OF THE VALLEY (Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. Parcel Post Weight, 6 lbs. per 100.

Mitchell's Fancy Giant Flowering. The finest strain of Valley procurable. Per doz., 75c.; \$4.75 per 100; per 1,000, \$40.00.

Clumps. Ready in November. For outdoor planting only. 50c. per clump; per doz., \$5.00; \$25.00 per 100.

MICHELL'S RELIABLE BULBS



Lilium Candidum

LILIUM CANDIDUM (Madonna Lily) (Ready in August)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems, bearing anywhere from 10 to 30 blooms of good size and substance, and delightfully fragrant. Effective planting is the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep, imbedded in sand and placed on their side; height, 4 feet; blooms in June.

	Each	Doz.	100
Large Bulbs	\$0.15	\$1.50	\$9.00
Mammoth Bulbs	.20	2.00	12.50
Monster Bulbs	.25	2.50	17.50

MICHELL'S EARLY NARCISSUS (Polyanthus Type) (Ready in August)

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and are delightfully fragrant. Not suitable for outdoors. Parcel Post Weight of Polyanthus Narcissus, 2 lbs. per doz.; per 100, 12 lbs.

Double Roman. White perianth, with an orange and yellow suffused cup, very free flowering and early. 7c. each; per doz 75c.; \$4.75 per 100; per 1000, \$40.00.

Gloriosa. A showy type, with white perianth and orange yellow cup. 11c. each; doz., \$1.10; \$7.00 per 100; per 1000, \$62.50.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 7c. each; per doz., 75c.; \$4.75 per 100; per 1000, \$40.00.

Grand Primo. Large white perianth with yellow cup. 7c. each; per doz., 75c.; \$4.75 per 100; per 1000, \$40.00.

Grand Soleil d'Or (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety. 20c. each; per doz., \$1.75; \$12.00 per 100.

Paper White Grandiflora, First Size Bulbs. This is quite a specialty with us; of it alone we import over two million bulbs. It is a pure white flowering sort; used extensively for forcing, as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 8c. each; per doz., 85c.; \$5.25 per 100; per 1000, \$45.00.

Paper White Grandiflora, Mammoth Bulbs. 10c. each; per doz., \$1.00; \$6.75 per 100; per 1000, \$60.00.

White Pearl. A large pure white; very exquisite. 11c. each; per doz., \$1.10; \$7.00 per 100; per 1000, \$62.50.

CHINESE SACRED LILIES

For growing in pebbles and water, also soil or sand.

	Each	Doz.	30 bulbs
Large Bulbs	\$0.15	\$1.65	\$3.75
Mammoth Bulbs	.20	2.25	5.00
Giant Bulbs	.30	3.00	7.00

Parcel Post Weight of Chinese Lilies, 4 lbs. per dozen.

GOLDEN CHINESE LILY

The centre cup is deep yellow while the perianth is lighter.

Large Bulbs, 20c. each; doz., \$1.75; per 100, \$12.00.

Pebbles for Chinese Lilies. Carefully screened and selected. 10c. per qt.; 75c. per peck; bushel, \$2.00; \$4.00 per barrel.

NARCISSUS, POETICUS VARIETIES

Used extensively for wild gardening and naturalizing.

	Each	Doz.	100	1000
King Edward VII. White, yellow and red cup	\$0.11	\$1.10	\$7.00	\$62.50
Poetaz, Elvira. White and yellow	.12	1.10	7.50	39.00
Poeticus Ornatus. White and scarlet, first size	.05	.45	2.75	22.50
Poeticus Ornatus. Mammoth	.07	.70	4.50	37.00



Narcissus, Paper White Grandiflora

Narcissus, Grand Soleil d'Or

MICHELL'S EARLY NARCISSUS

(For Forcing)

(Ready in August)

Extra Early Golden Spur. For Christmas and New Year's forcing. Free flowering, producing rich, golden yellow blooms. 10c. each; doz., \$1.00; \$6.75 per 100; per 1000, \$60.00.

French Trumpet Major (*Christmas Flowering*). A beautiful early flowering yellow variety. They force easily and can be had in flower without any trouble for Christmas. 8c. each; doz., 85c.; \$5.75 per 100; per 1000, \$50.00.

NARCISSUS

MISCELLANEOUS VARIETIES

(Ready in September)

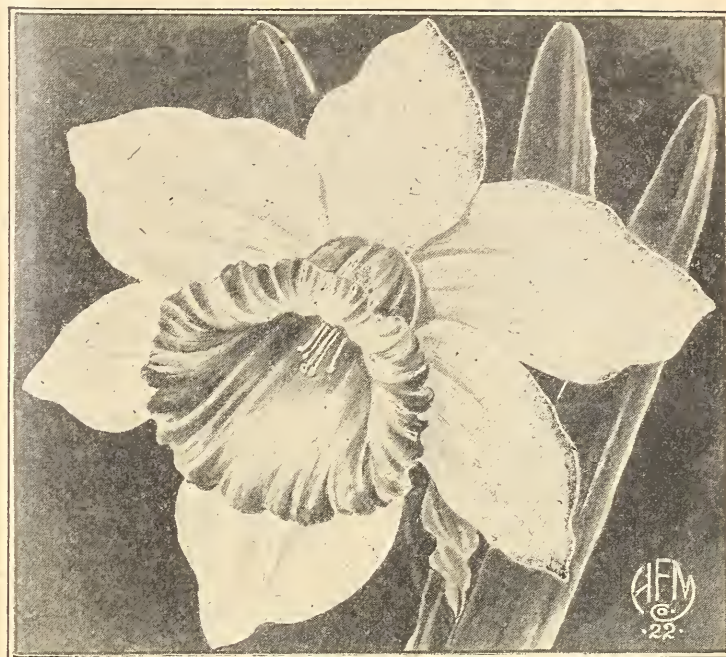
	Each	Doz.	100	1000
Barri Conspicuus. Yellow, scarlet cup	\$0.07	\$0.70	\$4.25	\$36.00
Bicolor Victoria. First size	.09	.85	5.50	47.00
" " Monster bulbs	.15	1.25	8.00	72.00
Cervantes. Early, pale yellow trumpet	.15	1.25	8.00	72.00
Emperor. Yellow, first size	.10	.90	5.50	48.00
" " Monster bulbs	.12	1.10	7.50	68.00
Empress. White and yellow, first size	.10	.90	5.50	48.00
" " Monster bulbs	.12	1.10	7.50	68.00
Giant Princeps. Yellow, monster bulbs	.08	.75	4.75	39.00
Glory of Leiden. Yellow	.10	.95	5.75	54.00
Golden Spur. Yellow, first size, Dutch	.08	.75	4.75	39.00
" " Monster bulbs, Dutch	.12	1.10	7.50	68.00
Incomparabilis, Lucifer. Perianth white, trumpet orange scarlet	.09	.85	5.25	46.00
King Alfred. Yellow	.20	1.80	15.00	
Leedsii, Mrs. Langtry. White	.06	.60	4.00	33.00
Madame de Graaff. White, primrose trumpet	.10	.90	5.75	50.00
Sir Watkins. Light yellow	.10	.95	5.75	52.00
Trumpet Major. Dutch, yellow	.07	.70	4.50	37.00
Van Waveren's Giant. Primrose perianth, bright yellow trumpet	.25	2.50	16.00	

NARCISSUS, DOUBLE VARIETIES

	Each	Doz.	100	1000
Alba Plena Odorata. White	\$0.06	\$0.55	\$3.75	\$32.00
Double Jonquils. Yellow	.06	.60	4.00	32.00
Incomparable. Yellow and orange	.08	.80	4.75	42.00
Orange Phoenix. White, orange centre	.10	.90	6.00	51.00
Sulphur Phoenix. White, sulphur yellow centre	.10	.90	6.00	51.00
Von Sion. Yellow, first size	.07	.75	4.75	40.00
" " Mammoth	.09	.85	5.50	45.00
" " Monster	.12	1.00	6.50	60.00

NARCISSUS IN MIXTURE

	Each	Doz.	100	1000
Single Mixed	\$0.06	\$0.55	\$3.25	\$28.50
Double Mixed	.07	.70	4.25	36.00



Single Narcissus, French Trumpet Major

JONQUILS

(Ready in September)

These are perfectly hardy and are suitable for either outdoor planting or forcing.

	Doz.	100	1000
Campernelle Rugulosus. Single yellow, larger than the plain Campernelle	\$0.55	\$3.75	\$30.00
Double. Flowers very double; deep golden-yellow; height, 12 inches	.60	4.00	32.00
Single. Rich yellow; very fragrant; height, 12 inches	.55	3.75	30.00

OXALIS

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting.

	Each	Doz.	100
Grand Duchess. Lavender	\$0.05	\$0.45	\$2.50
" " Pink	.05	.45	2.50
" " White	.05	.45	2.50
" " Yellow	.05	.45	2.50
Bermuda Buttercup. Yellow, first size	.06	.45	2.50
" " Mammoth bulbs	.07	.75	4.00
Bowei. Large flowering; rich pink	.06	.50	3.00



MICHELL'S HARDY PERENNIAL PLANTS

Our Hardy Perennials are established in pots, which enables them to be shipped and transplanted at any season. The varieties mentioned in this list are ready for delivery now. Summer and Autumn planting means a year's difference in results obtained the following Spring.

Full descriptions will be found in our General Spring Catalog, copy of which can be had on request.

	Each	Doz.	100		Each	Doz.	100
Achillea (<i>Milfoil or Yarrow</i>).				Coronilla (<i>Crown Vetch</i>).			
Millefolium, Cerise Queen. Cherry red...	\$0.30	\$2.50	\$18.00	Varia. Creeper; flowers, pink and white...	\$0.30	\$3.00	\$18.00
Ptarmica. Fl. Pl. "The Pearl." White...	.30	2.50	18.00				
Ptarmica, Boule de Neige. Pure white...	.30	2.50	18.00	Delphiniums (<i>Hardy Larkspurs</i>).			
Aquilegias (<i>Columbine</i>).				Belladonna. Clear turquoise blue.....	.30	2.50	15.00
Michell's Long Spurred. Mixed colors...	.30	2.50	18.00	Bellamosum. A dark blue form of Bella-			
Canadensis. The native variety; red and				donna.....	.30	2.50	15.00
yellow.....	.30	2.50	18.00	Chinense. Dwarf; color, gentian blue. ..	.30	2.50	15.00
Chrysanthia (<i>Golden Columbine</i>). Yellow..	.30	2.50	18.00	Chinense Album. Pure white.....	.30	2.50	15.00
Coerulea (<i>Rocky Mountain Columbine</i>)..				Formosum. Dark blue; white centre....	.30	2.50	15.00
Blue and white.....	.30	2.50	18.00				
Flabellata Nana Alba. Dwarf, white....	.30	2.50	18.00	Dianthus (<i>Garden Pinks</i>).			
Helenae. Blue with white corolla.....	.30	2.50	18.00	Deltoides (<i>Maiden Pink</i>). Flowers pink..	.30	2.50	15.00
Rose Queen. Delicate pink.....	.30	2.50	18.00	Deltoides Alba. White.....	.30	2.50	15.00
Vulgaris (<i>European Columbine</i>). Violet				Latifolius Atrococcineus Fl. Pl. Brilliant			
blue.....	.30	2.50	18.00	crimson.....	.30	2.50	15.00
Arabis (<i>Rock Cress</i>).				Dictamnus (<i>Gas Plant</i>).			
Alpina. Pure white.....	.30	2.50	15.00	Fraxinella. Red.....	.35	3.50	18.00
Armeria (<i>Sea Pink or Thrift</i>).				Fraxinella Albus. Pure white.....	.35	3.50	18.00
Lauchiana Rosea. Bright rose.....	.30	2.50	18.00				
Artemisia .				Eupatorium .			
Abrotanum (<i>Old Man</i>). Dark green, finely				Ageratoides. White.....	.30	2.50	15.00
cut foliage.....	.30	3.00	18.00	Coelestinum. Light blue.....	.30	2.50	15.00
Lactifolia. Flowers creamy white.....	.35	3.50	18.00				
Pedemontana. Finely cut silvery foliage.	.30	3.00	18.00	Ferns (<i>Hardy Varieties</i>).			
Stelleriana (<i>Old Woman</i>). Deeply cut sil-				Adiantum Pedatum (<i>Maiden Hair Fern</i>)..	.30	2.50	18.00
very foliage.....	.30	3.00	18.00	Aspidium Acrostichoides (<i>Christmas Fern</i>)..	.30	2.50	18.00
Asters (<i>Hardy</i>).				Asplenium Filix-Foemina (<i>Lady Fern</i>)....	.30	2.50	18.00
Feltham Blue. Aniline blue.....	.30	2.50	18.00	Cystopteris Bulbifera (<i>Bladder Fern</i>).....	.30	2.50	18.00
Glory of Colwall. Ageratum blue.....	.30	2.50	18.00	Dicksonia Punctilobula (<i>Gossamer Fern</i>)..	.30	2.50	18.00
Mrs. F. J. Raynor. Delicate lavender...	.30	2.50	18.00	Onoclea Struthiopteris (<i>Ostrich Fern</i>).....	.30	2.50	18.00
Novi Belgii, Climax. Lavender blue.....	.30	2.50	18.00	Onoclea Sensibilis (<i>Sensitive Fern</i>).....	.30	2.50	18.00
Novi Belgii, The Queen. Blush white...	.30	2.50	18.00	Osmunda Cinnamomea (<i>Cinnamon Fern</i>)..	.30	2.50	18.00
Robert Parker. Pale heliotrope.....	.30	2.50	18.00	Osmunda Claytoniana.....	.30	2.50	18.00
Snowflake. Pure white.....	.30	2.50	18.00	Woodsia Illyensis.....	.30	2.50	18.00
St. Egwin. Clear pink.....	.30	2.50	18.00				
Summer Beauty. Light blue.....	.30	2.50	18.00	Funkia (<i>Plantain or Day Lily</i>).			
Tartaricus. Bluish lilac.....	.30	2.50	18.00	Undulata Media Picta. Purple.....	.30	2.50	18.00
Bocconia (<i>Plume Poppy, or Tree Celandine</i>).							
Cordata. Creamy white.....	.30	2.50	18.00	Helianthus (<i>Hardy Sunflower</i>).			
Boltonia (<i>False Chamomile</i>).				Maximiliana. Golden yellow.....	.30	2.50	18.00
Asteroides. Pure white.....	.30	2.50	18.00	Meteor. Double; orange yellow.....	.30	2.50	18.00
Latisquama. Pink, tinged lavender....	.30	2.50	18.00	Multiflorus Fl. Pl. Double; golden yellow	.30	2.50	18.00
Cerastium (<i>Snow in Summer</i>).				Orgyalis. Bright yellow.....	.30	2.50	18.00
Tomentosum. Silvery foliage, white flow-				Rigidus Japonicus. Golden yellow.....	.30	2.50	18.00
ers.....	.30	3.00	18.00				
Chrysanthemums (<i>Hardy</i>).				Helenium (<i>Sneezewort</i>).			
Ethel Blades (<i>Large Flowering</i>). Chestnut				Autumnale Rubrum. Terra-cotta red....	.30	2.50	18.00
red.....	.30	2.50	15.00	Autumnale Superbum. Golden yellow....	.30	2.50	18.00
Glory of Seven Oaks (<i>Large Flowering</i>).				Riverton Beauty. Lemon yellow, purplish			
Golden yellow; dwarf.....	.30	2.50	15.00	black cone.....	.30	2.50	18.00
Golden Climax (<i>Pompon</i>). Orange yellow	.30	2.50	15.00				
Julia (<i>Pompon</i>). Orange scarlet.....	.30	2.50	15.00	Heliopsis (<i>Orange Sunflower</i>).			
Lilian Doty (<i>Pompon</i>). Extra fine pink..	.30	2.50	15.00	Pitcheriana. Deep orange.....	.30	2.50	18.00
Mrs. Nellie Kleris (<i>Pompon</i>). An im-				Scabra Excelsa. Yellow.....	.30	2.50	18.00
proved Lilian Doty.....	.30	2.50	15.00				
Mrs. Chester Robinson (<i>Pompon</i>). Deep				Hypericum (<i>St. John's Wort</i>).			
old rose pink.....	.30	2.50	15.00	Moserianum. Yellow stamens, and crim-			
Nellie Irwin (<i>Pompon</i>). Bright yellow...	.30	2.50	15.00	son anthers.....	.30	2.50	18.00
Rosea (<i>Large Flowering</i>). Bright red....	.30	2.50	15.00				
Ruby Queen (<i>Pompon</i>). Deep pink.....	.30	2.50	15.00	Lysimachia .			
Thelma (<i>Pompon</i>). Bronzy red.....	.30	2.50	15.00	Ciliata (<i>Fringed Loose-strife</i>). Yellow....	.30	2.50	18.00
White Doty (<i>Pompon</i>). Pure white.....	.30	2.50	15.00	Clethroides (<i>Loose-strife</i>). Pure white...	.30	2.50	18.00
Chrysanthemum (<i>Shasta Daisy</i>).				Nummularia (<i>Creeping Jenny or Money-</i>			
Arcticum (<i>Arctic Daisy</i>). Pure white....	.30	2.50	15.00	wort).....	.30	2.50	18.00
Cimicifuga (<i>Snake Root</i>).							
Racemosa. Pure white.....	.35	3.50		Lythrum .			
Coreopsis .				Roseum Superbum (<i>Rose Loose-strife</i>).			
Lanceolata Grandiflora. Golden yellow..	.25	2.50	15.00	Rose colored.....	.30	2.50	18.00
				Monarda (<i>Bergamot</i>).			
				Didyma, Cambridge Scarlet.....	.30	2.50	18.00
				Didyma, Rosea.....	.30	2.50	18.00
				Pachysandra .			
				Terminalis. Grayish white.....	.25	2.50	15.00

MICHELL'S HARDY PERENNIAL PLANTS

13

	Each	Doz.	100		Each	Doz.	100
Pardanthus (<i>Blackberry Lily</i>).				Salvia (<i>Meadow Sage</i>).			
Chinensis. Orange-colored, spotted purple brown.....	\$0.30	\$3.00	\$20.00	Azurea Grandiflora. Sky blue.....	\$0.30	\$2.50	\$18.00
				Virgata Nemorosa. Dark blue.....	.30	2.50	18.00
Pentstemon (<i>Beard Tongue</i>).				Saponaria (<i>Soapwort</i>).			
Barbatus Torreyi. Scarlet.....	.30	3.00	18.00	Caucasica Fl. Pl. Double white.....	.30	2.50	18.00
Digitalis. Purple white.....	.30	3.00	18.00	Ocymoides Splendens. Rosy crimson....	.30	2.50	18.00
Gloxinoides, Sensation. Mixed colors....	.30	3.00	18.00	Sedum (<i>Stone-crop</i>). Dwarf Varieties.			
Phlox (<i>Hardy</i>).				Acre. Bright yellow flowers.....	.30	2.50	18.00
Baron von Dedem. Deep pink, suffused orange.....	.30	2.50	15.00	Album. White.....	.30	2.50	18.00
Eugene Danzanvilliers. Lavender.....	.30	2.50	15.00	Sieboldi. Bright pink.....	.30	2.50	18.00
Europa. Blush white, pink centre.....	.30	2.50	15.00	Stahli. Crimson foliage.....	.30	2.50	18.00
Frau Anton Buchner. Pure white.....	.30	2.50	15.00	Sedum . Erect Varieties.			
Jules Sandeau. Pure pink.....	.30	2.50	15.00	Spectabile. Rose colored flowers.....	.30	2.50	18.00
Montagnard. Dark purple claret.....	.30	2.50	15.00	Spectabile "Brilliant." Amaranth red....	.30	2.50	18.00
Mrs. Jenkins. Pure white.....	.30	2.50	15.00	Senecio (<i>Groundsel</i>).			
Rheinlander. Salmon pink.....	.30	2.50	15.00	Pulcher. Rosy purple.....	.30	2.50	18.00
Rheinstrom. Bright pink.....	.30	2.50	15.00	Solidago (<i>Golden Rod</i>).			
Riverton Jewel. Mauve rose.....	.30	2.50	15.00	Golden Wings. Golden yellow.....	.30	2.50	15.00
Selma. Pale rose, red eye.....	.30	2.50	15.00	Spiraea (<i>Goat's Beard, Meadow Sweet</i>).			
Thor. Salmon pink, suffused scarlet....	.30	2.50	15.00	Filipendula. White.....	.35	3.50	20.00
Von Lassburg. Purest white.....	.30	2.50	15.00	Filipendula Fl. Pl. Double white.....	.35	3.50	20.00
W. C. Egan. Pale lilac, red eye.....	.30	2.50	15.00	Palmata. Purple red.....	.35	3.50	20.00
Phlox (<i>Subulata</i>).				Statice (<i>Sea Lavender</i>).			
Rosea (<i>Moss Pink</i>). Pink.....	.30	2.50	15.00	Latifolia. Dark blue.....	.30	2.50	18.00
Alba. Pure white.....	.30	2.50	15.00	Eximia Fl. Alba. White.....	.30	2.50	18.00
Lilacina. Lilac.....	.30	2.50	15.00	Stokesia (<i>Cornflower Aster</i>).			
Phlox (<i>Suffruticosa</i>).				Cyanea. Light blue.....	.30	2.50	15.00
Miss Lingard. Pure white, lilac eye.....	.30	2.50	18.00	Cyanea Alba. Pure white.....	.30	2.50	15.00
Phlox (<i>Miscellaneous</i>).				Thalictrum (<i>Meadow Rue</i>).			
Amoena. Rose color.....	.30	2.50	15.00	Adiantifolium. White.....	.30	2.50	18.00
Divaricata Canadensis. Lavender.....	.30	2.50	15.00	Glaucum. Bronzy yellow.....	.30	2.50	18.00
Physalis (<i>Chinese Lantern Plant</i>).				Thermopsis .			
Francheti. Orange scarlet fruit.....	.30	2.50	15.00	Caroliniana. Yellow.....	.30	2.50	18.00
Physostegia (<i>False Dragon-Head</i>).				Tradescantia (<i>Spider Wort</i>).			
Virginica. Soft pink.....	.30	2.50	18.00	Virginica. Blue.....	.30	2.50	15.00
Virginica Alba. Pure white.....	.30	2.50	18.00	Trillium (<i>Wood Lily, or Wake Robin</i>).			
Pinks, Hardy (<i>Dianthus Allwoodi</i>).				Grandiflorum. White.....	.20	2.00	12.00
Harold. Double white.....	.50	5.00		Tritoma (<i>Red Hot Poker</i>).			
Jean. White, purple centre.....	.50	5.00		Pfizerii. Rich orange-scarlet.....	.30	2.50	18.00
Robert. Old rose, maroon centre.....	.50	5.00		Tunica .			
Platycodon (<i>Japanese Bell Flower</i>).				Saxifraga. Light pink.....	.30	2.50	18.00
Grandiflorum. Deep blue.....	.30	2.50	15.00	Valeriana (<i>Valerian</i>).			
Grandiflorum Album. White.....	.30	2.50	15.00	Coccinea. Red.....	.30	2.50	15.00
Plumbago (<i>Lead-Wort</i>).				Coccinea Alba. White.....	.30	2.50	15.00
Larpentae. Deep blue.....	.30	2.50	15.00	Officinalis. Rose-tinted white.....	.30	2.50	15.00
Poppy, Iceland (<i>Nudicaule</i>).				Veronica (<i>Speedwell</i>).			
Orange.....	.30	2.50	18.00	Amethystina. Blue.....	.30	2.50	18.00
White.....	.30	2.50	18.00	Incana. Pale blue.....	.30	2.50	18.00
Yellow.....	.30	2.50	18.00	Longifolia Subsessilis. Blue.....	.30	2.50	18.00
Poppy, Oriental .				Spicata. Clear blue.....	.30	2.50	18.00
Goliath. Rich scarlet.....	.35	3.00	18.00	Yucca (<i>Adam's Needle</i>).			
Mrs. Perry. Salmon rose.....	.35	3.00	18.00	Filamentosa. Cream white.....	.35	3.50	25.00
Perry's White. Satiny white with crimson blotches.....	.35	3.00	18.00				
Orientalis. Brilliant scarlet.....	.35	3.00	18.00				
Primula (<i>Hardy Primrose</i>).							
Veris (<i>English Cowslip</i>). Mixed.....	.30	2.50	15.00				
Vulgaris (<i>English Primrose</i>). Yellow....	.30	2.50	15.00				
Pyrethrum (<i>Giant Daisy</i>).							
Uliginosum. White.....	.30	2.50	18.00				
Ranunculus (<i>Crowfoot, Buttercup</i>).							
Acris Fl. Pl. Double yellow.....	.30	2.50	18.00				
Repens Fl. Pl. Double yellow.....	.30	2.50	18.00				
Rudbeckia (<i>Cone-flower</i>).							
Golden Glow. Double, golden yellow....	.30	2.50	18.00				
Newmani. Dark orange yellow.....	.30	2.50	18.00				
Nitida, "Autumn Sun." Primrose yellow..	.30	2.50	18.00				
Purpurea. Reddish purple.....	.30	2.50	18.00				

NEW HYBRID TEA ROSE AMERICAN LEGION

We still have a good stock of this excellent new Rose, which can be planted now and still give good results this season. Price, \$2.50 each; 5 for \$10.00; \$20.00 per dozen.

MISCELLANEOUS ROSES

We can also supply a good assortment of other Roses in pot grown stock for summer planting, but it is impossible to give a list of varieties as the selection changes almost daily at this time of the year. The most satisfactory way of ordering is by color, but if there is any particular sorts preferred we shall be pleased to furnish these if possible. Price, \$1.00 each; per 100, \$90.00. 25 plants at the 100 rate.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

FOR SUMMER AND EARLY FALL SOWING

For Complete List of Flower Seeds, see our General Catalogue for 1922

ACHILLEA (Milfoil or Yarrow)

Ptarmica, Fl. Pl., "The Pearl." Tall erect plants; pure white double flowers; hardy perennial; 2 ft. Large pkt. Pkt. \$0.75 \$0.10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; 4 feet; August-September.

Napellus. Blue. Large pkt. Pkt. \$0.40 \$0.10

AGROSTEMMA (Rose of Heaven, Mullein Pink)

Coronaria. Erect growing plants with silvery foliage and crimson flowers; hardy perennial; 2½ to 3 feet; June to August. .25 .10

ALYSSUM

Lilac Queen. Dwarf and compact; flowers lilac. Large pkt. Pkt. \$0.25 \$0.10
Little Dorritt. Extremely dwarf and compact, with miniature white flowers. .25 .10
Little Gem. Dwarf compact plants, densely covered with large pure white flowers; 4 inches. .25 .10
Michell's Bouquet (New). Dwarf and compact; forms a perfect bouquet of miniature white flowers. .60 .15
Saxatile Compactum (Basket of Gold). Showy golden yellow flowers; hardy perennial; 1 ft. .30 .10
Sweet. The popular old-fashioned sort; of trailing habit, with pure white flowers; 6 inches. .25 .05

AMPELOPSIS (Boston or Japanese Ivy)

Veitchii. A hardy perennial climber with olive green leaves, which turn to scarlet in the autumn, oz., 40c. .25 .10

ANCHUSA (See Bugloss)

Italica "Dropmore." A hardy perennial plant, 4 feet high, with flowers of a lovely gentian blue. .40 .15

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

MICHELL'S GIANT ANTIRRHINUMS

Spikes, 2 to 3 feet in length, with giant flowers.

Michell's Giant Salmon Pink. Long spikes of flowers of a delicate salmon pink color. Large pkt. Pkt. \$0.60 \$0.15
Keystone. Long spikes; color, rose pink. 1.25
Silver Pink. 1.25
Giant Canary Bird (New). Yellow. .25
Giant Garnet. .30 .10
Giant Pink. .30 .10
Giant Scarlet. .30 .10
Giant Snowflake (New). Pure white. .25
Giant Striped. .30 .10
Giant Venus. Shell pink on white ground. .50 .15
Giant White. .30 .10
Giant Yellow. .30 .10
Collection, one packet each six colors, 50c.
Giant Mixed. All colors. .30 .10

ANTIRRHINUMS—Various Sorts

The Semi-Dwarf sorts grow about 18 inches high, with large flowers over most of the stem. Large pkt. Pkt.

Semi-Dwarf. Bride. Pure white. \$0.40 \$0.10
" Daphne. Carmine pink, white throat. .30 .10
" Defiance. Fiery scarlet. .30 .10
" Firebrand. Rich deep red. .30 .10
" Golden Queen. Golden yellow. .30 .10
" Mont Blanc. Pure white. .30 .10
" Nelrose. Pink. .60 .25
" Rose Queen. Rich rose. .30 .10
" Mixed. All colors. .30 .10
Tall Mixed. Regular strain. .25 .05
Tom Thumb Mixed. All colors; 12 inches. .30 .10

Ask for Cultural Leaflet No. 201 on the growing of Antirrhinums.

ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

Coronaria. Mixed colors; 1 foot. Large pkt. Pkt. \$0.25 \$0.05
St. Brigid, or Poppy. Flowers of large size; semi-double and double, in many colors; 1 foot. .50 .15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial; daisy-like bright yellow flowers; 2 feet. .30 .10



Aquilegia (Columbine) Long Spurred (Large pkt. 50c.)

AQUILEGIAS OR COLUMBINES

A graceful spring flowering plant; exquisitely spurred flowers on stems 2 feet above the fern-like foliage. Large pkt. Pkt.

Californica Hybrida. Mixed colors; long spurs. \$0.50 \$0.10
Chrysantha (Golden Spurred). Bright golden yellow. .60 .10
Coerulea (Rocky Mountain Columbine). Large flowers, violet-blue and white. .50 .10
Long Spurred Hybrids. Flowers of many rich and varied colors, with long spurs. .50 .10
Rose Queen. Pink, white centre, yellow anthers. .60 .15
Double Mixed. All colors. .25 .05
Single Mixed. All colors. .25 .05

ARABIS (Rock Cross)

Alpina. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches. .25 .10

ASPARAGUS

Plumosus Nanus. An excellent plant for house or conservatory decoration. 100 Seeds Pkt. \$1.00 \$0.25
Sprengeri. One of the best plants to grow in hanging baskets for greenhouse in winter or for outdoors in the summer. .50 .10

ASPERULA (Woodruff)

Odorata. Dwarf spring flowers; pure white; thrives in shady situations; perennial; 1 foot; Large pkt. Pkt. \$0.40 \$0.10

ASTER, PERENNIAL (Michaelmas Daisy)

Large pkt. Pkt.

Choice Mixed. A showy perennial plant; star-like single flowers; 2 to 3 feet. \$0.40 \$0.10

AURICULA (Primula Auricula)

Choice Mixed. These early flowering perennial plants resemble primroses; multi-colored flowers in great variety; for borders or pot culture; 6 inches .75 .10

BAPTISIA (False Indigo)

Australis. A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July.30 .10

BOCCONIA (Plume Poppy)

Cordata. A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet.25 .10

BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches. Large pkt. Pkt.

Elata Coerulea. Sky-blue flowers. \$0.30 \$0.10

Speciosa Major. Large ultramarine blue flowers; desirable as a pot plant for winter and spring flowering.75 .20

CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket-like flowers. Large pkt. Pkt.

Hybrida Grandiflora, Tall Mixed. Large, rich, self-colored flowers saved from a choice collection; 18 inches. \$0.85 \$0.25

Hybrid Grandiflora, Pumila Compacta. Of dwarf, compact growth; trusses of large, self-colored and spotted flowers; 1 foot.85 .25

Rugosa (Shrubby). Mixed colors. Small flowering, for bedding.85 .25

CALLIOPSIS (Coreopsis)

California Sunbeams. Large flowers beautifully formed; yellow and brown. oz., 75c. .25 .10

Lanceolata Grandiflora. Single golden yellow flowers of graceful form; invaluable for cutting; blooms the entire summer. oz., 50c. .25 .10

CANDYTUFT (Iberis)

Sempervirens. Dwarf spring flowering perennial; flower glistening white; May; 1 foot.60 .10

CARNATION

Desirable for greenhouse culture in winter as well as for the garden in summer. Large pkt. Pkt.

Chabaud's Everblooming, Mixed. Blooms in five months after being sown. \$0.60 \$0.15

Choice Mixed. Double border varieties.60 .10

Early Vienna. Large double flowers in mixture.50 .10

MARGUERITE CARNATIONS

If slightly protected they will survive an ordinary winter and bloom the following spring. Large pkt. Pkt.

Excelsior Mixed. Extra large flowers. \$0.50 \$0.15

Pink.50 .10

Scarlet.50 .10

White.50 .10

Yellow.50 .10

Choice Mixed. oz., \$1.50 .30 .10

Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms from July to September. Large pkt. Pkt.

Montana. Blue; 18 inches. \$0.40 \$0.10

CERASTIUM (Snow in Summer)

Tomentosum. Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches.50 .15

**CAMPANULA MEDIA (Canterbury Bell)**

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers. Sow from June 1st till September 1st; after frost has set in protect with leaves and straw.

	Oz.	Large pkt.	Pkt.
Single Blue.	\$0.60	\$0.25	\$0.10
" Pink. . . . .	.60	.25	.10
" White. . . . .	.60	.25	.10
" Mixed. . . . .	.50	.25	.05
Double Mixed.	1.50	.40	.10

CAMPANULA CALYCANTHEMA**(CUP AND SAUCER, CANTERBURY BELLS)**

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Blue.	\$0.50	\$0.10	White.	\$0.50	\$0.10
Pink. . . . .	.50	.10	Mixed, 1/4 oz., 60c.	.40	.10

CAMPANULAS OR BELLFLOWERS**(PERENNIAL VARIETIES)**

These are among our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

	Large pkt.	Pkt.
Carpatica (Carpathian Hare Bell). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.	\$0.30	\$0.10
Carpatica, Alba. Pure white. . . . .	.30	.10
Persicifolia Grandiflora (Peach Bells). Blue; spikes 4 feet tall with bell-shaped flowers. . . . .	.75	.15
Persicifolia Grandiflora, Alba. Pure white. . . . .	.75	.15
Pyramidalis (Chimney Bell Flower). Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed. . . . .	.40	.10

CHRYSANTHEMUM (Perennial)

Large pkt. Pkt.

Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 2 feet.	\$0.75	\$0.15
King Edward VII. Flowers extra large, pure white and of perfect form.....	.30	.10
Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet.....	.60	.20

CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our Grandiflora Prize Strain cannot be surpassed, immense trusses of large flowers, often measuring 4 inches across.

Grandiflora Prize Dwarf. Mixed colors; plants Large pkt. Pkt. of dwarf habit.....	\$0.85	\$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant.....	.85	.35
Matador. Large flowering scarlet.....	.85	.35
Stellata Hybrida. Of graceful habit; producing a profusion of flowers; mixed colors.....	.85	.25

Ask for Cultural Leaflet No. 203 on the growing of Cinerarias.

CLEMATIS

Perennial climbers; fine for arbors, verandas, etc. Large pkt. Pkt.		
Flammula. Feathery white, fragrant flowers.....	\$0.25	\$0.10
Paniculata (<i>Japanese Virgin's Bower</i>). The beautiful autumn-flowering variety, admired for its fragrant, white, star-shaped flowers.....	.25	.10

COLUMBINE (See Aquilegia)**CYCLAMEN**

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
Bright Red	\$2.50	\$0.50
Dark Blood Red	2.50	.50
Glory of Wandsbek. Salmon red.....	2.50	.50
Perle of Zehlendorf. Salmon pink.....	2.50	.50
Pure White	2.50	.50
Rose of Marienthal. Bright pink.....	2.50	.50
White with Carmine Eye	2.50	.50
Mixed. All colors.....	2.00	.40

Ask for Cultural Leaflet No. 215 on the growing of Cyclamen.

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are favorite perennials; seed should be sown from June 1st till September, transplanted in the fall and they will flower the following spring; 4 inches.

Longfellow. Large double pink flowers.....	\$0.60	\$0.10
Monstrosa, Pink. These surpass all strains of this popular plant in strong, robust growth and in the abundance of extra large, perfectly double flowers.....	.75	.25
Monstrosa, White.....	.75	.25
Monstrosa, Mixed.....	.75	.25
Snowball. Purest white; large and double.....	.60	.10
Double Mixed. Extra fine.....	.50	.10

DIANTHUS (Hardy Garden Pinks)

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers.

Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant.....	\$0.50	\$0.10
Double Scotch. Choice mixed colors.....	.50	.15
Erfurt. Of dwarf, compact growth; blooms early; mixed colors.....	.60	.10
Latifolius Atrococcineus Fl. Pl. (<i>Everblooming Hybrid Sweet William</i>). Double scarlet.....	.40	.10
Pheasant's Eye. Single fringed flowers; mixed colors.....	.25	.10

DICTAMNUS (Gas Plant)

Fraxinella. Showy, bushy plants 2½ feet high; purple red flowers; perennial; June and July....	.25	.10
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Delphinium, Belladonna. (Large pkt. 75c.)

DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials, very easily grown from seed. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded, and new shoots will produce flower heads successfully.

	Large pkt.	Pkt.
Belladonna. One of the most continuous blooming varieties; immense spikes of clear turquoise blue, which cannot be excelled for beauty; 5 feet.....	\$0.75	\$0.25
Bellamosum. A rich, deep blue form of the popular light blue Belladonna.....	.75	.25
Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet.....	oz., 90c.	.30 .10
Chinense Grandiflorum Album. Pure white flowers.....	oz., 90c.	.30 .10
Elatum (<i>Bee Larkspur</i>). Rich blue; 4 feet.....	oz., \$1.50	.40 .10
Formosum. Deep blue; 3 feet.....	oz., 1.75	.40 .10
Formosum Coelestinum. Sky blue.....	.60	.15
Gold Medal Hybrids. Produces long spikes of large flowers, the lighter shades of blue predominating.....	.60	.15
Kelway's Giant. An extra fine strain of strong, vigorous growth, with immense spikes of large flowers; many shades of blue; 5 to 7 feet.....	.60	.15
Rev. E. Lascelles. An extra fine variety; large double deep blue flowers with white centre.....	.75	.15
Zalil. Sulphur yellow; 4 feet.....	.60	.10
Hybridum Mixed. Very choice; 4 feet.....	oz., 75c.	.25 .05

TESTIMONIAL

Lowell, Mass.
Enclosed find spring order for flower seeds and plants. I have had about 8 years success with your flower seeds and plants, so am sending you my 1922 order.
R. H. C.

*Digitalis (Foxglove) Gloxiniaeflora***DIGITALIS (Foxglove)**

Ornamental hardy plants; long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large pkt.	Pkt.
Gloxiniaeflora, Pink	\$1.00	\$0.30	\$0.10
“ Purple	1.00	.30	.10
“ White	1.00	.30	.10
“ Mixed.....	.75	.25	.05
Grandiflora, Yellow.....	.90	.25	.10
Monstrosa (Mammoth Foxglove). Long spikes surmounted by one monstrous flower; all colors mixed.....	1.25	.30	.10

EUPATORIUM

Fraseri. A fine hardy perennial, thriving in almost any situation, excellent for cutting; 2 feet..... .25 .10

FERNS

Very desirable plants for ferneries.

Adiantum (Maiden Hair). Mixed.....	1.00	.15
Pteris Varieties. Mixed.....	1.00	.15
All Sorts Mixed. Choice collection.....	1.00	.15

We can also furnish all other good varieties of fern spores.

FORGET-ME-NOT (See Myosotis)**GAILLARDIA (Blanket Flower)****PERENNIAL VARIETIES**

One of the most showy of hardy perennials; spikes of gorgeously colored flowers of immense size. Large pkt. Pkt.

Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches.....oz., 75c.	\$0.25	\$0.10
Grandiflora Sanguinea. Blood-red flowers; 2 ft....	.30	.15
Grandiflora Semi-Double. Mixed.....	.30	.10
Grandiflora Superba. Mixed; 2 feet....oz., 75c.	.25	.10

GENTIANA (Blue Gentian)

Large pkt. Pkt.

Acaulis. A dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.....\$0.40 \$0.10

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine-leaved, daisy-like flowers; splendid for pot plants or cutting. 100 Seeds Pkt.

Jamesoni Gigantea. Large flowers of bright scarlet.....	\$1.25	\$0.25
Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades.....	1.00	.25

GEUM

Large pkt. Pkt.

Atrosanguineum Fl. Pl. Hardy perennial, bearing large, showy, double, dark crimson flowers all through the summer; fine for bouquets; 1½ ft....\$0.30 \$0.10

Mrs. Bradshaw. Large, double brilliant scarlet flowers; blooms the entire summer......50 .15

GYSOPHILA (Baby's Breath)

Paniculata. Hardy perennial; flowers in graceful sprays of white; 2 feet.....oz., 60c. .25 .10

Paniculata, Fl. Pl. Double white......75 .20

HELENIUM (Sneeze Wort)

Autumnale Superbum. Perennial; large heads of golden yellow flowers; 5 to 6 feet......40 .10

HELIOPSIS (Orange Sunflower)

Fitcheriana. A handsome hardy perennial, producing an abundance of deep orange-yellow flowers the entire summer; excellent for cutting; 3 to 4 feet... .25 .10

HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot......60 .10

HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubbery borders. Large pkt. Pkt.

Crimson Eye. Flowers large; color, pure white with velvety crimson centre, 4 feet.....\$0.30 \$0.10

Golden Bowl. Giant yellow, maroon centre.... .30 .10

Moscheutos. Large, rosy pink flowers......25 .10

New Giant (Mallow Marvel). A greatly improved form; gigantic single flowers; many shades of red, pink, purple and white in mixture......25 .15

HOLLYHOCK (See next page)**IRIS (Flowering Flag)**

Kaempferi (Japanese Iris). Hardy perennial; very showy; blooms the second year from seed; mixed colors; 3 feet......25 .05

LATHYRUS LATIFOLIUS**(Everlasting or Perennial Pea)**

Showy hardy perennial climber; fine for covering walls, stumps, fences, etc. Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting; 6 to 8 feet.

	Oz.	Large pkt.	Pkt.
Crimson. Brilliant.....	\$0.90	\$0.30	\$0.10
Pink Beauty. Bright rosy-pink.....	1.25	.30	.10
White	1.25	.30	.10
Choice Mixed. All colors.....	.75	.25	.05

*Gaillardia. Grandiflora Superba. (Large pkt. 25c.)*

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Hollyhock—Chater's Double

HOLLYHOCK

A popular and desirable hardy perennial plant; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet. Oz. Large pkt. Pkt.

Allegheny. Semi-double; mammoth flowers, edges fringed and lacinated; mixed. \$1.25 \$0.30 \$0.10

Exquisite (New). Large double flowers of many colors and shades. Pkt., 35c.; \$1.00 per 3 pkts.

Chater's Double, Maroon	1.50	.30	.10
“ “ Pink	1.50	.30	.10
“ “ Red	1.50	.30	.10
“ “ Salmon	1.50	.30	.10
“ “ White	1.50	.30	.10
“ “ Yellow	1.50	.30	.10
“ “ Mixed	1.25	.30	.10
Collection, one packet each of above 6 colors			.50
Double Ever-blooming Mixed	1.50	.40	.15
Single Ever-blooming Mixed.....	.90	.30	.10
Single Mixed.....	.75	.25	.10

LARKSPUR, PERENNIAL (See Delphinium)

LAVENDER (Lavandula Vera)

Well-known perennial plant, bearing long spikes of fragrant blue flowers; 18 inches.....oz., 90c. .30 .10

LOBELIA

Cardinalis (Cardinal Flower). Hardy perennial; tall spikes of showy cardinal red flowers..... .75 .10

LUPINUS (Lupins) Annual Varieties

Seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

	Oz.	Large pkt.	Pkt.
Rich Blue	\$0.40	\$0.25	\$0.10
Pink.....	.40	.25	.10
Scarlet, White Tipped.....	.40	.25	.10
Sky Blue.....	.40	.25	.10
White.....	.40	.25	.10
Yellow.....	.50	.25	.10
Mixed. All colors.....	.40	.25	.05

LUPINUS (Perennial Varieties)

Polyphyllus, Blue.....	.25	.10
“ Roseus. Pink.....	.30	.10
“ Somerset. Yellow.....	.50	.15
“ White.....	.25	.10
“ Mixed.....oz., 40c.	.25	.05

Ask for Cultural Leaflet No. 217 on the Culture of Lupinus.

LYCHNIS

Perennials of easy culture; excellent for massing in large beds or borders; remarkable for the brilliancy of their flowers.

Large pkt. Pkt.

Chalcedonica (Rose Campion). Fine scarlet cross-like flowers; 2 feet; July.....oz., 50c.	\$0.25	\$0.10
Haageana. Mixed colors; 1 foot; July.....	.60	.10

MIGNONETTE

Seed may be sown at intervals during the summer for a succession of bloom; can also be grown in pots for winter and early spring blooming.

Large pkt. Pkt.

Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; fragrant.....oz., 60c.	\$0.25	\$0.10
Bismarck. Compact plants of strong growth; stout spikes of large flowers.....oz., \$1.25	.30	.10
Golden Machet. Large golden yellow.....oz., 75c.	.25	.10
Goliath. Giant spikes of red flowers.....oz., \$1.50	.40	.10
Machet. Large reddish tinted, sweet scented flowers.....oz., 75c.	.25	.10
Michell's Colossal. Flower-spikes often average 18 inches; extremely fragrant.....	.75	.15
Sweet Scented. The popular garden sort.....oz., 25c.	.15	.05

Ask for Cultural Leaflet No. 204 on the growing of Mignonette.



Myosotis—Alpestris Victoria. (Large pkt. 40c.)

MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials, succeeding best in moist, shady situations. If wanted for early spring flowering seed should be sown in frames in July or August.

Large pkt. Pkt.

Alpestris Victoria. Of bushy habit; bearing large bright blue flowers; very fine; 6 inches.....	\$0.40	\$0.10
Dissitiflora. Of dwarf, compact habit, deep green foliage, and attractive deep blue flowers.....	.60	.10
Eliza Fanrobert. Of strong growth, with clusters of large, bright blue flowers; 10 inches.....	.40	.10
Grandiflora Alba. Large white flowers; 8 inches...	.40	.10
Grandiflora Rosea. Large pink flowers; 8 inches..	.40	.10
Palustris. The true Forget-Me-Not; bright blue flowers; 8 inches.....	.60	.10
Palustris Semperflorens. Dwarf; blooms the entire season; deep blue.....	.60	.10
Royal Blue. This variety belongs to the upright pillar-shaped section; large deep blue flowers; 12 inches.....	.30	.10
Ruth Fischer. Plant of neat, compact habit; flowers extra large and of a lovely sky blue.....	.75	.25
Choice Mixed.....oz., 90c.	.25	.05

MICHELL'S GIANT PANSIES

19

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring.

PANSIES IN MIXTURE

	Large pkt.	Pkt.
Mitchell's Giant Exhibition. A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per 1/4 oz.; per 1/8 oz., \$1.75 ..	\$0.75	\$0.25
Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties .. 1/8 oz., \$1.00	.75	.25
Giant Trimardeau. Very large flowering; all colors, mixed .. 1/4 oz., \$1.00	.50	.10
Mad. Perret. Early flowering; fragrant; especially rich in red shades .. 1/4 oz., \$1.25	.75	.25
Masterpiece (Frilled Pansy). Beautiful rich colors; petals curled or waved .. 1/8 oz., \$1.00	.75	.25
Odier or Blotched. Beautiful strain .. 1/4 oz., \$1.25	.75	.15
Parisian Large Stained. Choicest colors. 1/4 oz., \$1.25	.75	.15
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of colors, including many new and rare shades. Per oz., \$11.00; \$3.25 per 1/4 oz.; per 1/8 oz., \$2.00 ..	.85	.50
Finest English Mixed .. oz., \$2.25	.40	.10
Very Fine Mixed .. oz., 1.75	.30	.05

GIANT PANSIES (Separate Colors)

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	1/4 Oz.	Large pkt.	Pkt.
Giant Prize, Azure Blue. Violet blue ..	\$1.50	\$0.60	\$0.15
Giant Prize, Black Blue. Dark velvety ..	1.50	.60	.15
Giant Prize, Emperor William. Ultramarine blue ..	1.50	.60	.15
Giant Prize, Hortensia Red. Scarlet ..	1.50	.60	.15
Giant Prize, King of the Blacks ..	1.50	.60	.15
Giant Prize, Lord Beaconsfield. Violet ..	1.50	.60	.15
Giant Prize, Peacock. Upper petals blue, lower petals deep claret with white margin ..	1.50	.60	.15
Giant Prize, Snow Queen. Pure white ..	1.50	.60	.15
Giant Prize, Striped and Mottled ..	1.50	.60	.15
Giant Prize, White, with dark eye ..	1.50	.60	.15
Giant Prize, Pure Yellow ..	1.50	.60	.15
Giant Prize, Yellow, with dark eye ..	1.50	.60	.15

SPECIAL OFFER.—We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.



Michell's Giant Exhibition Pansy

PANSIES (Regular Sorts in Separate Colors)

	Oz.	Large pkt.	Pkt.
Belgian Striped. Showy ..	\$2.75	\$0.40	\$0.10
Emperor William. Ultramarine blue ..	2.75	.40	.10
Faust (King of the Blacks) ..	2.75	.40	.10
Gold Margined. Purple, golden edge ..	2.75	.40	.10
Havana Brown ..	2.75	.40	.10
Lord Beaconsfield. Violet ..	2.75	.40	.10
Mahogany Colored ..	2.75	.40	.10
Silver Edged. Purple, silver edge ..	2.75	.40	.10
Snow Queen. Pure white ..	2.75	.40	.10
White, with dark eye ..	2.75	.40	.10
Yellow Gem. Pure yellow ..	2.75	.40	.10
Yellow, with dark eye ..	2.75	.40	.10

SPECIAL OFFER.—We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

Ask for Cultural Leaflet No. 209 on the Growing of Pansies.

PENTSTEMON (Beard Tongue)

A beautiful perennial plant, producing freely large spikes of handsome tubular flowers.

	Large pkt.	Pkt.
Sensation. Large spikes of gloxinia-like flowers of brilliant colors; 2 feet; requires protection ..	\$0.50	\$0.15
New Hybrids, Mixed. Produces large spikes of handsome flowers; 3 feet ..	.50	.10

PHLOX (Hardy)

Decussata. Perennial plants 2 to 3 feet high; flowers in all bright colors; sow seeds late in fall and they will germinate in the spring .. 1/4 oz., 75c. .50 .10

PHYSOSTEGIA (False Dragon Head)

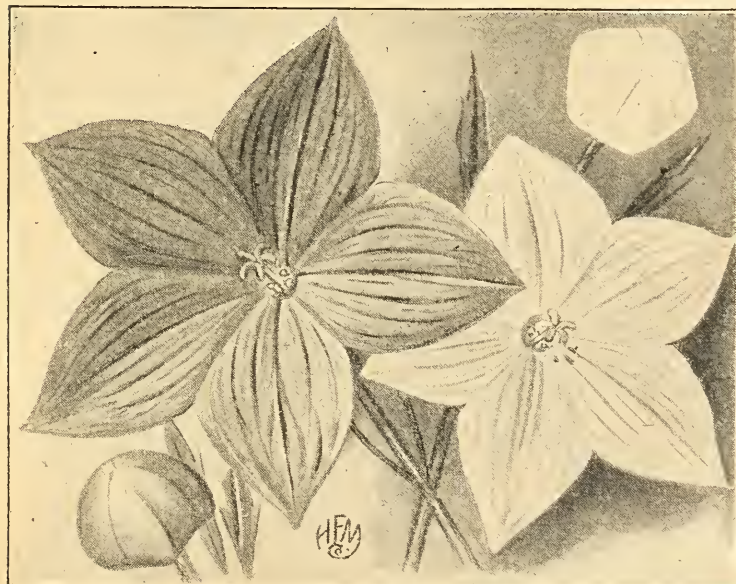
A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August. Large pkt. Pkt.

Virginica. Pink ..	\$0.30	\$0.10
" Alba. White ..	.40	.10

PLATYCODON (Chinese Bell Flower)

One of the best hardy perennials; large bell-shaped flowers; excellent for borders or among shrubbery; 2 to 3 feet.

	Large pkt.	Pkt.
Grandiflorum, Blue ..	\$0.40	\$0.10
Grandiflorum, White ..	.40	.10



Platycodon Grandiflorum

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Oriental Poppy

POPPY (Perennial)

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display.

	Large pkt.	Pkt.
Giant Scarlet (<i>Bracteatum</i>). Large flowers; 3 feet.	\$0.25	\$0.10
Iceland (<i>Nudicaule</i>). White; 1 foot.	.40	.10
“ Yellow.....	.40	.10
“ Single Mixed . A wide range of colors.	.25	.10
Orientele . Extra large flowers; deep scarlet.	.25	.10
“ Mrs. Perry . Rich salmon pink.	.60	.10
“ Hybrids . Beautiful flowers of large size; mixed colors. 1/4 oz., 60c.	.40	.10

PRIMULA**FRINGED CHINESE PRIMROSE**

These are among our finest winter and spring blooming pot plants for decorations in the home or conservatory. Our seed has been grown for us by a Primula Specialist, and cannot be excelled for size and brilliancy of colors. Our strains have won many first prizes.

	Large pkt.	Pkt.
Alba Magnifica . Large pure white flowers.	\$0.85	\$0.40
Chiswick Red . Brilliant red.	.85	.40
Duchess . Large; white with zone of rosy carmine, yellow eye.	.85	.40
Holborn Blue . A beautiful shade.	.85	.40
Kermesina Splendens . Crimson.	.85	.40
Rosy Morn . Delicate pink.	.85	.40
Michell's Prize Mixture . This mixture contains only the finest sorts selected from the best strains.	.85	.25
Imported Collection . 8 varieties.		.75

PRIMULA OBCONICA

A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage; elegant plants for greenhouse or light window of dwelling house.

	Large pkt.	Pkt.
Gigantea Alba . White.	\$0.75	\$0.20
“ Kermesina . Crimson.	.75	.20
“ Lilacina . Pale lilac.	.75	.20
“ Rosea . Pink.	.75	.20
“ Hybrida . Mixed.	.75	.20
“ Monster . An extra large flowering strain of this popular Primula.		
“ Apple Blossom . Soft pink.	1.25	.40
“ Kermesina . Deep crimson.	1.25	.40
“ Plathii . Brilliant deep rose.	1.25	.40
“ Rosea . Pink.	1.25	.40
“ Mixed Colors .	1.25	.40

PRIMULA—Continued**PRIMULA OBCONICA GRANDIFLORA**

	Large pkt.	Pkt.
Fimbriata . Flowers fringed; mixed colors.	\$0.75	\$0.15
Vesuvius . Deep crimson.	.75	.25

VARIOUS SORTS

Kewensis (<i>Verbena Scented Yellow Primrose</i>). Spikes each 12 to 18 inches long; color, soft yellow; very fragrant.	.75	.25
Malacoides . Resembles Primula Forbesi, but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing and continue for a long time; color, a pretty light lilac.	.75	.20
Malacoides Alba . Flowers pure white.	.75	.20
Malacoides Alba Plena . A new variety with double white flowers.		.75
Malacoides Superba . Deep rosy pink; large.		.40

HARDY PRIMROSES

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

Veris (<i>English Cowslip</i>). Fragrant; flowers of various colors; 6 inches; mixed.	\$0.60	\$0.10
Vulgaris (<i>English Primrose</i>). The common hardy English variety; canary yellow.	.60	.10

POLYANTHUS (Primula Elatior)

Gold Laced . Flowers of brilliant colors, with distinct yellow edge.	.60	.15
Double Mixed . Beautiful colors.	.75	.15
English Mixed . All colors.	.40	.10

PUERARIA THUNBERGIANA**(Kudzu Vine)**

One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms toward the end of August.	.25	.10
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PYRETHRUM (Perennial)

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting.

	Large pkt.	Pkt.
Roseum . Flowers bright rose color; July; 2 feet.	\$0.60	\$0.10
Uliginosum (<i>Giant White Daisy</i>). Large, single white flowers; September; 3 to 4 ft.	.60	.10
Hybridum Single Mixed . Large flowers ranging in color from light pink to deep red, with bright yellow centers; July; 2 feet.	.50	.10
Hybridum Double Mixed .	.75	.25

RUDBECKIA (Coneflower)

	Large pkt.	Pkt.
Newmani . Large yellow flowers with black centre; perennial; very showy; 3 feet.	\$0.50	\$0.10
Purpurea (<i>Giant Purple Coneflower</i>). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet.	.40	.10

SALVIA

Azurea Grandiflora . A hardy perennial variety producing during August and September spikes of pretty sky-blue flowers; 2 feet.	.50	.10
Farinacea . A perennial variety, but best treated as an annual; color, light blue; 2 feet.	.40	.10

SCABIOSA

Handsome perennial border plants, flowering the entire season.

	Large pkt.	Pkt.
Caucasica . Soft blue; 3 feet.	\$0.60	\$0.10
Caucasica Alba . Pure white.	.60	.10
Japonica . Lavender blue.	.25	.10

SCHIZANTHUS (Butterfly Flower)

One of our finest annuals, bearing a profusion of pretty butterfly-like flowers of various colors; useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

Large pkt. Pkt.

Garraway's Hybrids. Flowers large, with handsome markings on a white, buff, rose, blue or purple ground.....	\$0.75	\$0.25
Hybridus Grandiflorus. Compact plants, with flowers of many shades and of orchid-like appearance; 12 inches.....	.30	.10
Pink Beauty. A beautiful shade of rose pink....		.50
Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; flowers range from white with yellow centre to pink with brown centre, 1½ feet.....	.50	.20
Mixed. Various colors.....	.25	.05

SMILAX

A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing.....

.25 .10

STATICE (Sea Lavender)

Latifolia. Splendid hardy perennial, either for the border or rockery; panicles of deep blue flowers, which can be dried and used for winter bouquets; 1 foot.....

.40 .10

Michell's "Distinctive" Stocks

The stock is one of the most popular and highly prized of our cultivated flowers, either for the garden or for pot culture. The charming colors, delightful fragrance and free blooming character, have made them favorite plants for both summer and winter cultivation. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

Large pkt.	Pkt.	Large pkt.	Pkt.
Blood Red	\$0.50 \$0.15	Rose Pink	\$0.50 \$0.15
Dark Blue.....	.50 .15	White.....	.50 .15
Flesh Pink.....	.50 .15	Mixed.....	.50 .15
Light Blue.....	.50 .15		

MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; remarkably free bloomer; large, double fragrant flowers; fine for garden bedding or cutting; especially desirable for use as a pot plant. For winter blooming, sow from July to September.

Large pkt. Pkt.

Abundance. Dwarf, spreading habit; carmine-rose.....	\$0.50	\$0.15
Beauty of Nice. Charming delicate pink.....	.50	.15
Crimson King. Deep red.....	.50	.15
La Brillante. Rich brilliant crimson.....	.50	.15
Midsummer Night. Deep, dark violet.....	.50	.15
Monte Carlo. Canary yellow.....	.50	.15
Mont Blanc. Pure white.....	.50	.15
Old Rose. An extra fine variety.....	.50	.15
Queen Alexandra. Delicate lavender.....	.50	.15
Choice Mixed. All colors.....	.50	.15

LARGE FLOWERED DWARF TEN-WEEK STOCK

This is the leading variety for bedding out, for summer blooming; also fine for pots.

Large pkt.	Pkt.	Large pkt.	Pkt.
Blood Red	\$0.40 \$0.10	Purple	\$0.40 \$0.10
Crimson.....	.40 .10	White.....	.40 .10
Light Blue.....	.40 .10	Yellow.....	.40 .10
Pink.....	.40 .10	Mixed.....	.40 .10

VARIOUS STOCKS

Large pkt. Pkt.

Brompton or Winter. Fine for forcing under glass or early summer flowering outdoors; mixed.....	\$0.50	\$0.10
Dresden Perpetual. A popular variety for cutting; large spikes; color, lustrous carmine.....	.50	.15
Mammoth Ten Week, Snowdrift (New). Snow white; early blooming.....		.50
Princess Alice (Cut-and-Come-Again). Branching plants with double pure white flowers; fine for cutting.....	.50	.10

Ask for Cultural Leaflet No. 211 on the growing of Stocks.

EARLY OR WINTER FLOWERING SPENCER SWEET PEAS

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the Southern States.

	Pkt.	½ oz.	Oz.
Asta Ohn. Rich lavender.....	\$0.15	\$0.60	\$1.00
Blue Bird. A charming shade of blue.....	.15	.60	1.00
Bohemian Girl. (New). Flowers large; color a beautiful deep pink.....	.15	.60	1.00
Cherry Ripe. Cherry or salmon cerise.....	.15	.60	1.00
Columbia (New). Salmon color standard; white wings.....	.15	.75	1.25
Enchantress. Bright rose pink.....	.15	.60	1.00
Fire King. Deep orange scarlet.....	.15	.60	1.00
Glitters (Early Royal Scot). Standard fiery orange; wings deep orange.....	.15	.75	1.25
Heatherbell. Mauve lavender.....	.15	.60	1.00
Helen Lewis. Orange pink.....	.15	.60	1.00
Hercules. Soft rose pink.....	.15	.60	1.00
Illumination. Glowing salmon cerise.....	.15	.60	1.00
Lavender King. Rich, deep lavender.....	.15	.60	1.00
Mauve Beauty. Rosy mauve.....	.15	.60	1.00
Meadow Lark. Rich cream.....	.15	.60	1.00
Melody. Rose pink on white ground.....	.15	.60	1.00
Morning Star. Deep orange scarlet in standard, with rich, orange-pink wings.....	.15	.60	1.00
Mrs. A. A. Skaach. Clear, light pink.....	.15	.60	1.00
Mrs. M. Spanolin. Pure white.....	.15	.60	1.00
Mrs. William Sim. Salmon pink.....	.15	.60	1.00
Othello. Flowers large; a beautiful maroon.....	.15	.60	1.00
Pink and White.....	.15	.60	1.00
Pink Beauty. Rose pink on white ground....	.15	.60	1.00
Primrose Beauty. Deep primrose, flushed rose.....	.15	.60	1.00
Red Orchid. Bright cherry red.....	.15	.60	1.00
Rose Queen. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of pink..... ¼ oz., \$1.25	.50	2.25	4.00
Sankey. Large white; black seeded.....	.15	.60	1.00
Snow Flake. Large pure white.....	.15	.60	1.00
Snowstorm. White; extra large.....	.15	.60	1.00
Song Bird. Pale pink on white ground.....	.15	.60	1.00
Songster. Rich lavender.....	.15	.60	1.00
Spring Maid. Light pink on white ground....	.15	.60	1.00
True Blue (New). A charming blue self; flowers large and well waved.....	.15	.75	1.25
Venus. White, blushed pink.....	.15	.60	1.00
Warbler. Rich, mauve purple.....	.15	.60	1.00
White Orchid. Pure white.....	.15	.60	1.00
Yarrowa. Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.....	.15	.60	1.00
Zephyr. Pale blue or lavender.....	.15	.60	1.00
Zvolanek's Rose. Extra large; rose pink....	.15	.75	1.25
Mixed Colors. Winter Flowering Spencer....	.10	.40	.75

WINTER FLOWERING GRANDIFLORA

	Pkt.	Oz.	¼ lb.
Christmas Pink. Pink and white.....	\$0.10	\$0.30	\$0.85
Christmas White (Florence Denzer).....	.10	.30	.85
Earliest of All. Pink and white.....	.10	.30	.85
Lavender Nora. A large flowering variety of the Unwin type.....	.10	.30	.85
Mont Blanc. Pure white.....	.10	.30	.85
Mrs. Alex. Wallace. Lavender.....	.10	.30	.85
Mrs. F. J. Delansky. Daybreak pink.....	.10	.30	.85
Mixed. Winter flowering grandiflora.....	.10	.20	.75

STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across; excellent for cutting; 1½ to 2 feet.

	Large pkt.	Pkt.
Cyanea. Lavender blue.....	\$0.40	\$0.10
" Alba. Pure white.....	.50	.10

SUNFLOWER (Helianthus)

Choice Mixed. Contains the finest single flowering, hardy perennial sorts.....	.50	.10
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MICHELL'S "DISTINCTIVE" FLOWER SEEDS

SWEET ROCKET (Hesperis)

Mixed. Fragrant white and purple flowers; a desirable hardy perennial; 2 to 3 feetoz., 50c. \$0.25 Large pkt. Pkt. \$0.05



Single Sweet William

SWEET WILLIAM (Dianthus Barbatu)

One of the finest hardy garden plants; of easy culture, and lasting for years. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and shrubbery.

	Large pkt.	Pkt.
Auricula Flowered. A beautiful class of "eyed" single varieties; all colors mixedoz., 90c.	\$0.25	\$0.10
Single Crimsonoz., 75c.	.25	.10
" Pink Beauty. Salmon pink . . . . .	.50	.15
" Scarlet Beauty. Deep scarlet . . . . .	.50	.15
" Velvety Maroonoz., 75c.	.25	.10
" Whiteoz., 75c.	.25	.10
" Mixed. All colorsoz., 60c.	.25	.05
Double Mixedoz., 90c.	.25	.10

THALICTRUM (Meadow Rue)

Dipterocarpum. Perennial, border plant, flowers rosy purple with yellow anthers; fine for cutting; 4 feet75 .25

VALERIANA (Garden Heliotrope)

Hardy perennial border plants; large fragrant flowers, the odor resembling that of the heliotrope; 2 to 3 feet.

	Large pkt.	Pkt.
Mixed Colors	\$0.25	\$0.10

VERONICA (Speedwell)

An elegant hardy perennial plant of easy culture and free-flowering habit; of value as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

	Large pkt.	Pkt.
Spicata. Long spikes of bright blue flowers; 18 inches	\$0.40	\$0.10



Viola, Scotch Bedding

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies.

	Large pkt.	Pkt.
Admiration. Dark blue	\$0.60	\$0.10
Mauve Queen. Lovely mauve color . . . . .	.60	.10
Perfection. Light blue . . . . .	.60	.10
White Perfection. Large white . . . . .	.60	.10
Mixed. All colors . . . . .	.50	.10

VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

	Large pkt.	Pkt.
Golden Gem. Yellow	\$0.60	\$0.15
Lutea Splendens. Rich golden yellow . . . . .	.60	.10
Snowflake. Pure white . . . . .	.60	.15
Mixed. From the best named Scotch varieties . . . . .	.75	.25

WALLFLOWER

Half-hardy perennials of delicious fragrance. They should be protected in a cold frame in the winter and planted out in the spring; 2 feet.

	Large pkt.	Pkt.
Double Brown	\$0.60	\$0.10
" Yellow . . . . .	.60	.10
" Mixed. All colors . . . . .	.60	.10
Single Mixedoz., 40c.	.25	.05
Imported Collection. 6 double varieties . . . . .	.50	
Imported Collection. 6 single varieties . . . . .	.40	

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed; 1½ feet.

	Large pkt.	Pkt.
Paris Extra Early Blood Red	\$0.25	\$0.10
Paris Extra Early Yellow . . . . .	.25	.10
Paris Extra Early Mixed. All colorsoz., 60c.	.25	.10

PERENNIAL FLOWER GARDEN MIXTURE

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains a large number of varieties of the choicest old-fashioned flowers. Pkt., 10c.: 40c. per oz.; per ¼ lb., \$1.25.

MICHELL'S SEASONABLE VEGETABLE SEEDS

23

For complete list see our General Seed Catalogue, mailed free on request.

BEANS—Green Podded, Dwarf Varieties

Large Packets of all varieties 10c. postpaid.

If Beans are wanted by parcel post, please add postage at the rate of 5c. per pound.

	Lb.	2 lbs.	5 lbs.
Black Valentine	\$0.35	\$0.60	\$1.40
Early Mohawk	.35	.60	1.40
Extra Early Refugee	.35	.60	1.40
Full Measure	.35	.60	1.40
Mammoth Stringless	.35	.60	1.40
Red Valentine	.35	.60	1.40
Stringless Forcer	.40	.75	1.60
Stringless Green Pod (Improved)	.35	.60	1.40
Triumph of the Frames	.60	1.10	2.50

BEANS—Wax or Yellow Podded Dwarf Varieties

	Lb.	2 lbs.	5 lbs.
Black or German Wax	\$0.35	\$0.60	\$1.40
Currie's Rust Proof Wax	.35	.60	1.40
Golden Wax Rust Proof (Improved)	.35	.60	1.40
Round Podded Kidney Wax	.35	.60	1.40
Stringless Refugee Wax	.35	.60	1.40
Sure Crop Stringless Wax	.40	.75	1.80
Wardwell's Kidney Wax	.35	.60	1.40

DWARF SHELL BEANS (For Soups or Baking)

	Lb.	2 lbs.	5 lbs.	10 lbs.
Boston Navy or Pea	\$0.30	\$0.55	\$1.25	\$2.40
Broad Windsor	.35	.60	1.40	2.75
Dwarf Horticultural	.35	.60	1.40	2.75
White Marrowfat	.30	.60	1.25	2.40



BEET—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip)	\$0.10	\$0.15	\$0.50	\$1.25
Bassano Extra Early (Turnip)	.10	.15	.50	1.25
Bastian's Extra Early (Turnip)	.10	.15	.50	1.25
Bastian's Half Long Blood	.10	.15	.50	1.25
Crimson Globe (Michell's Improved)	.10	.15	.50	1.25
Crosby's Egyptian (Turnip)	.10	.15	.50	1.25
Detroit Dark Red (Turnip)	.10	.15	.50	1.25
Eclipse Extra Early (Round)	.10	.15	.50	1.25
Lentz Early	.10	.15	.50	1.25
Michell's Ideal	.10	.20	.60	2.00
Michell's Winter Keeper	.10	.25	.90	3.00

CARROTS

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay Half Long	\$0.10	\$0.15	\$0.35	\$1.00
Danvers Half Long	.10	.15	.35	1.00
Early Half Long Scarlet	.10	.15	.40	1.25
Early Scarlet Horn	.10	.15	.35	1.00
Guerande or Oxheart	.10	.15	.35	1.00
Improved Long Orange	.10	.15	.35	1.00
Orange Beauty	.10	.15	.35	1.00
Rubicon Half Long	.10	.15	.35	1.00
Very Early Short Horn	.10	.20	.40	1.25
White Belgian	.10	.15	.35	1.00

CAULIFLOWER

	Pkt.	¼ oz.	Oz.
Danish Giant (Late)	\$0.25	\$1.25	\$4.00
Early Snowball (True), for forcing	.25	1.00	3.00
Earliest Snow Storm, for forcing	.25	1.25	4.00
Half Early Paris, for outdoor use	.10	.50	1.50
Michell's Selected Erfurt (True)	.25	1.00	3.00

CORN—SUGAR (Early Varieties)

Large Packets of all varieties 10c. postpaid.

If Sugar Corn is wanted by Parcel Post, please add postage at the rate of 5c. per pound.

	Lb.	2 lbs.	5 lbs.	10 lbs.
Bantam Evergreen	\$0.30	\$0.50	\$1.10	\$2.00
Early Evergreen	.30	.50	1.10	2.00
Early Mayflower	.40	.75	1.50	2.75
Golden Bantam	.30	.50	1.10	2.00
Golden Cream	.30	.50	1.10	2.00
Golden Giant	.45	.75	1.65	3.25
Howling Mob	.30	.55	1.20	2.00
Ideal	.30	.50	1.10	2.00
Kendel's Early Giant	.30	.50	1.10	2.00
Stabler's Extra Early	.30	.50	1.10	2.00
Sugar Kernel	.50	.95	2.25	4.25

CORN—SUGAR (Medium and Late Varieties)

	Lb.	2 lbs.	5 lbs.	10 lbs.
Black Mexican	\$0.30	\$0.50	\$1.10	\$2.00
Country Gentlemen	.30	.55	1.25	2.00
Late Mammoth	.30	.50	1.10	2.00
Little Gem or Shoe Peg	.30	.50	1.10	2.00
Michell's Delicious	.30	.50	1.25	2.00
Stowell's Evergreen	.30	.50	1.10	2.00

CORN SALAD

	Pkt.	Oz.	¼ lb.	Lb.
Large Leaved, Round Seeded	\$0.10	\$0.15	\$0.45	\$1.50

GARDEN CRESS (Pepper Cress)

	Pkt.	Oz.	¼ lb.	Lb.
Extra Curled	\$0.05	\$0.10	\$0.25	\$0.75

CUCUMBER

	Pkt.	Oz.	¼ lb.	Lb.
Davis' Perfect	\$0.10	\$0.20	\$0.50	\$1.35
Evergreen	.10	.20	.50	1.35
Gherkin or Burr	.10	.25	.70	2.25
Japanese Climbing	.10	.25	.70	2.25
Jersey Pickle or Green Prolific	.10	.20	.50	1.35
Long Green Turkey	.10	.20	.50	1.35
White-Spined (Arlington Improved)	.10	.20	.50	1.35

ENGLISH CUCUMBERS

These are ideal for growing outdoors as well as under glass. They produce enormous fruits, generally 18 to 24 inches long and 3 inches in diameter.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds, 25c.; \$1.75 per 100 seeds.

DANDELION

	Pkt.	Oz.	¼ lb.	Lb.
Thick Leaved or Cabbaging	\$0.10	\$0.75	\$2.75	\$10.00

ENDIVE

	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved Batavian (Escarolle)	\$0.10	\$0.15	\$0.50	\$1.35
Giant Fringed	.10	.15	.50	1.35
Improved Green Curled	.10	.15	.50	1.35
White Curled (Self blanching)	.10	.15	.50	1.35

For complete list of Vegetable Seeds see our General Seed catalog, mailed free on request.

24 MICHELL'S SEASONABLE VEGETABLE SEEDS, ETC.



KALE

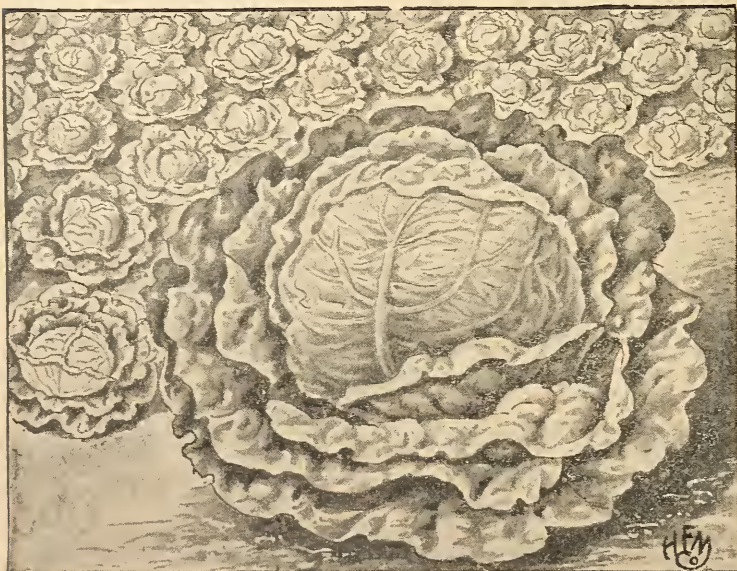
	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green Curled	\$0.10	\$0.15	\$0.35	\$1.10
Imperial Long Standing	.10	.15	.40	1.25

LETTUCE (Heading Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
All Heart	\$0.10	\$0.25	\$0.60	\$2.00
All Right (Michell's)	.10	.25	.60	2.00
Big Boston	.10	.25	.60	2.00
Big Boston (Davey's Improved)	.10	.25	.60	2.00
Boston Market	.10	.25	.60	2.00
Dutch Butter (Private Stock)	.10	.25	.60	2.00
Hanson Improved	.10	.25	.60	2.00
Kingsholm Cos or Romaine	.10	.25	.60	2.00
May King	.10	.25	.60	2.00
Michell's Number One	.10	.25	.60	2.00
New York or Wonderful	.10	.25	.75	2.50
Prize Head	.10	.25	.60	2.00
Salamander (Mammoth)	.10	.25	.60	2.00
Way-a-head	.10	.25	.60	2.00

LETTUCE (Loose Leaf Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Black Seeded Simpson	\$0.10	\$0.25	\$0.60	\$2.00
Grand Rapids	.10	.25	.60	2.00
Silesian	.10	.25	.60	2.00



Michell's Number One Lettuce

MELONS FOR FORCING

	Pkt.
Blenheim Orange	\$0.25
Invincible Scarlet	.25
Windsor Castle	.25
Sutton's A1 (In original pkts.)	1.00

MUSTARD

	Pkt.	Oz.	¼ lb.	Lb.
Southern Giant Curled	\$0.10	\$0.15	\$0.30	\$0.85
White or Yellow	.10	.15	.30	.85



MICHELL'S SUPERIOR MUSHROOM SPAWN

If wanted by mail, allow for postage at rate of 10c. per brick.

BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain, originating in the section of Pennsylvania that supplies New York and Eastern markets with mushrooms.

Per Brick	\$0.35	Per 10 Bricks	\$2.75
Per 5 Bricks	1.50	Per 25 Bricks	6.50
Per 50 Bricks			\$12.50

AMERICAN SPORE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time.

Direct No. 8. Cream White. For use from April to October.

Direct No. 9. Pure White. For use from October to April.

Per Brick	\$0.35	Per 10 Bricks	\$2.75
Per 5 Bricks	1.50	Per 25 Bricks	6.50
Per 50 Bricks			\$12.50

PEAS

Large Packets of all varieties 10c. postpaid.

If Peas are wanted by Parcel Post, please add postage at the rate of 5c. per pound.

	Lb.	2 lbs.	5 lbs.
Alaska (Extra Early)	\$0.30	\$0.55	\$1.25
Ameer (Extra Early)	.35	.65	1.40
Bliss Abundance (Medium Early)	.30	.55	1.25
Champion of England (Late)	.35	.65	1.40
Daisy or Dwarf Telephone (Medium Early)	.40	.70	1.60
Dandy Extra Early (Michell's)	.30	.55	1.25
Dwarf Champion (Late)	.35	.65	1.40
Dwarf Gray Sugar (Edible Pod)	.35	.65	1.40
Early June	.35	.65	1.40
Early Morn	.40	.70	1.60
Gradus (Extra Early)	.40	.70	1.60
Long Island Mammoth (Late)	.35	.65	1.40
Michell's Special Extra Early	.30	.55	1.25
Nott's Excelsior (Early)	.35	.65	1.40
Potlatch (Medium Early)	.30	.55	1.25
Sutton's Excelsior (Extra Early)	.40	.70	1.60
Tall Melting Sugar (Edible Pod)	.40	.70	1.60
Tall Telephone (Late)	.40	.70	1.60
The Pilot or Leader (Extra Early)	.40	.70	1.60
Thos. Laxton (Extra Early)	.40	.70	1.60
Yankee Prince (Medium Early)	.40	.70	1.60

PARSLEY

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss Curled.....	\$0.10	\$0.15	\$0.45	\$1.25
Double Curled or Covent Garden..	.10	.20	.60	1.50
Hamburg or Rooted.....	.10	.15	.45	1.25



Michell's (Improved Strain) Cardinal Globe Radish

RADISH (Early Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Cardinal Globe (Improved Strain)...	\$0.10	\$0.20	\$0.50	\$1.75
Early French Breakfast.....	.10	.15	.45	1.25
Icicle (Improved Strain).....	.10	.15	.45	1.25
Long Scarlet Short Top.....	.10	.15	.45	1.25
Round Red Forcing.....	.10	.15	.45	1.25
Scarlet Turnip, White Tipped.....	.10	.15	.45	1.25
White Box, Felton's (Private Stock)..	.10	.15	.45	1.25

RADISH (Summer and Winter Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Celestial or White Chinese.....	\$0.10	\$0.15	\$0.45	\$1.25
China Rose.....	.10	.15	.45	1.25
Half Long Black.....	.10	.15	.45	1.25
White Strasburg.....	.10	.15	.45	1.25

SORREL

	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved French.....	\$0.10	\$0.25	\$0.80	\$2.50

TOMATOES (Forcing Varieties)

	Pkt.	½ oz.	Oz.
Best of All (Sutton's).....	\$0.10	\$0.25	\$0.50
Comet.....	.10	.25	.45
Eclipse (Sutton's) in original pkts.....	1.25		
Michell's Crackerjack.....	.10	.25	.45

TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ lb.	Lb.
Cow Horn.....	\$0.10	\$0.15	\$0.25	\$0.75
Early Purple Top, Flat.....	.10	.15	.25	.75
White Globe (Private Stock).....	.10	.15	.25	.75
Snowball.....	.10	.15	.25	.75
Southern Seven Top.....	.10	.15	.25	.75
Yellow Aberdeen, Flat.....	.10	.15	.25	.75
Yellow Globe, or Amber.....	.10	.15	.25	.75
Ruta Baga, Yellow Purple Top (Private Stock).....	.10	.15	.25	.75



Spinach, Michell's Improved Strain Bloomsdale

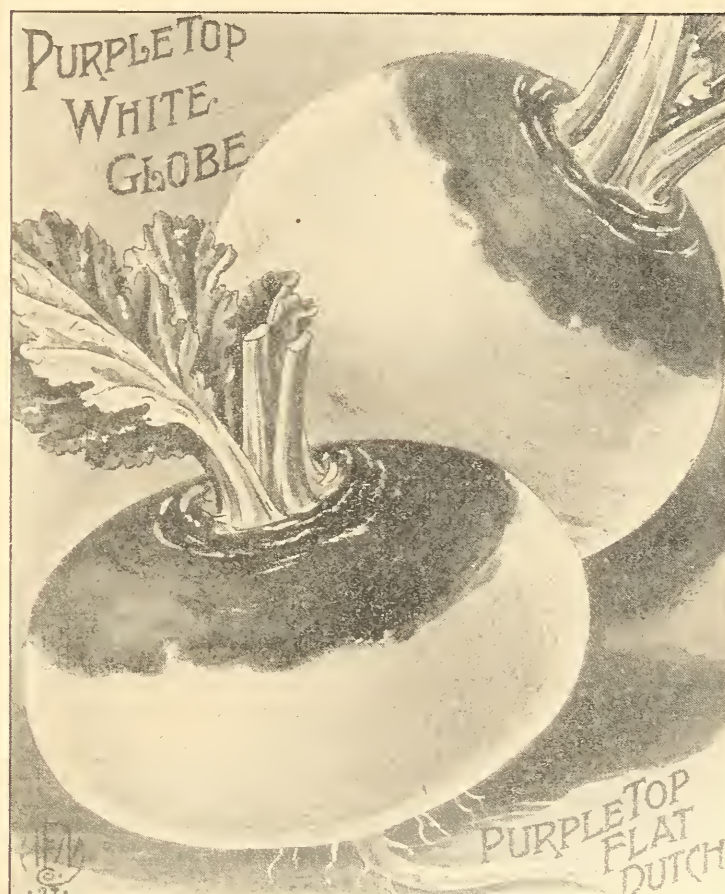
SPINACH

	Pkt.	Oz.	¼ lb.	Lb.
Bloomsdale Savoy (Improved Strain)	\$0.10	\$0.15	\$0.50	
Long Season.....		.10	.15	.50
New Zealand.....	\$0.10	.15	.40	1.00

SWISS CHARD

	Pkt.	Oz.	¼ lb.	Lb.
Giant Lucullus.....	\$0.10	\$0.15	\$0.50	\$1.25

For complete list of Vegetable Seeds see our General Seed catalog, mailed free on request.



Turnips

MICHELL'S SEASONABLE FARM SEEDS

PRICES WHERE NOTED SUBJECT TO MARKET CHANGES

CLOVERS

Alfalfa or Lucerne (*Medicago Sativa*). (Non-irrigated Western Grown Seed. This is sown during May, August and September. Careful preparation of the soil previous to sowing is the main thing. Sow not less than $\frac{1}{2}$ bushel (30 lbs.) per acre, preferably with no other crop. Price on application.

Alfalfa (*Grimm Strain*). Claimed to be hardy in any and all regions; a heavy yielder and of deeper rooting ability. It requires about 10 lbs. of Grimm Alfalfa to properly seed an acre on account of its great root system and spreading habit. Price on application.

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; perfectly hardy in every climate or soil condition; grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price on application.

Bokhara or Sweet Clover (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure). Grows from 3 to 5 feet high, thriving on almost any kind of soil. We handle only the true white-flowered variety. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price on application.

Crimson Clover (*Trifolium Incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. Price on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. Sow in early spring or in July and August, using 20 lbs. per acre alone, or with other crops 10 lbs. per acre. Price on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2 $\frac{1}{2}$ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. Price on application.

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. Per pkt., 5c.; 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 40c. per $\frac{1}{2}$ lb.; lb., 75c.; \$3.50 per 5 lbs.; 10 lbs., \$6.75; \$39.00 per bu. of 60 lbs.; per 100 lbs., \$65.00. Prices on White Clover subject to change.

BARLEY

The straw is good for green food or when cured, as hay. The grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1 $\frac{1}{2}$ to 2 bushels per acre from May 15th to July 1st. 48 lbs. per bushel. Barley makes an ideal nurse crop for spring sown Alfalfa. When sown in connection with alfalfa, use $\frac{1}{2}$ to $\frac{3}{4}$ bushel per acre broadcast; when ripe, harvest as usual or cut and rake off.

Beardless. New York grown stock; frequently yields 50 bushels per acre. Price on application.

Note.—While offered as beardless, barley has the fault of reverting back to its type which is bearded, so that some bearded heads will invariably appear in the field.

BEANS, SOJA OR SOY

Excellent for green manuring, fodder and silo purposes. Sow 1 $\frac{1}{2}$ bushels per acre alone, or $\frac{1}{2}$ bushel Soja Beans with one bushel Cow Peas.

Mammoth Yellow (*Late*). **Wilson** (*Early*). Prices on application.

BUCKWHEAT

In the locality of Philadelphia this is sown any time from June 1st to July 15th, one bushel of 48 lbs. broadcasted to the acre. It makes a very fine quality of flour, but is largely used for poultry food. Any of the clover crops can be sown with buckwheat, these to mature the following season. Buckwheat frequently yields as much as 80 bushels to the acre.

Japanese. Very early variety. Large, dark grain.

Price of Buckwheat on application.

COW PEAS

Cow Peas are one of the best, largest yielding and most nutritious of the farm crops. Cattle, sheep or hogs can be turned into a field of them and they will eat them greedily, and the stubble can be plowed under. In the latitude of Philadelphia, sow from May 1st to July 1st, two bushels per acre broadcast, or one bushel per acre in drills. For a large crop, sow the seed as late as possible.

Black. One of the popular varieties extensively grown. Very prolific and matures early; of upright growth, consequently preferred for ploughing under or for grazing stock.

Large Black Eye. An exceedingly heavy cropper, but late to mature.

Whippoorwill. Medium early; upright growing; a variety more extensively used than any other.

Mixed. All varieties for hay or for plowing under.

Prices: These fluctuate constantly; will be quoted on request.

KAFFIR CORN—White for Seed

The grain is used for feeding poultry and the fodder for cattle. Grows from 4 to 6 feet high, the grain being produced on the top of stalk in the shape of a brush; frequently as many as four heads of grain will be found on a single stalk. It usually ripens after the first few frosts; produces enormous crops. Can be sown as late as July at the rate of 10 lbs. per acre in drills. (Bu. 56 lbs.) Price on application.

MILLET

Can be sown as late as July 15th and yield a tremendous crop. Is also desirable for green manuring, when it should be turned under when about 10 inches high. Makes an excellent green food for stock. If used for hay it should be cut just as it matures.

Hungarian. The seed produces hay not so fine in quality as the "Golden," also fully a foot less in height. It can, however, be sown some 2 weeks later. Sow 1 bushel (50 lbs.) per acre.

Japanese Barnyard. This yields possibly more fodder than any other forage plant. Frequently as high as 12 tons of green food has been obtained from an acre. If sown early in May it may be cut twice in one season. Sow 12 lbs. per acre broadcast, any time from May 1st to June 15th.

Tennessee Golden. This requires a longer season to mature than the other sorts; produces a very fine quality of hay and makes a larger seed head. In good seasons it grows about 4 ft. high. Sow 1 bu. (50 lbs.) broadcast to the acre, from April 10th to July 10th. Price upon application.

RAPE

Dwarf Essex. An excellent green food for sheep and hogs; can be pastured 8 weeks after sowing. Sow 6 lbs. per acre broadcast or in drills from April 1st to October 1st. It produces enormous crops and is ideal green manure. Price on application.

WINTER RYE

Pennsylvania White. This makes a fine winter cover crop, being usually sown in the autumn as late as November, making a very fine yield of long, stiff straw. Winter rye will not mature if sown in spring. 56 lbs. per bu. Sow 1 $\frac{1}{2}$ bushels per acre.

Rosen. An improvement on the above, yielding more grain and straw. Price on application.

TIMOTHY SEED

For sowing among wheat as a second year hay crop, or for sowing alone for a first year hay crop, this is extensively used. We aim to sell the purest and highest germinating quality. 45 lbs. per bushel. Samples and quotation on request.

WINTER VETCH (*Vicia Villosa*)

Sometimes called Sand or Hairy Vetch. Our stock of this is the true type being imported by us direct from Russia which will absolutely live throughout the winter. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. All stock relish it keenly. Price on application.

WINTER WHEAT (Ready about Sept. 10th)

Four-Rowed Fultz (*Beardless*). Red.

Fultz-Mediterranean (*Beardless*). Red.

Lancaster-Fulcaster (*Bearded*). Dark red.

Leap's Prolific (*Beardless*). Dark red.

Miracle (*Bearded*). Red.

Penna. No. 44 (*Bearded*). Red.

Price's Wonder (*Bearded*). Dark red.

Price on application.

Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest average. We make special formulas to suit various soils, climatic and local conditions.

Quantity to Sow for Lawns; you cannot sow too much, the more the better, it means a quicker, more satisfactory and more lasting results. On a small scale a quart will usually seed a space of 10 x 10 feet though twice that quantity is better; 6 to 8 or 10 bushels of 20 lbs. per bushel on new ground without grass, is the proper quantity per acre; 1 peck is needed for a space of 1000 square feet; $\frac{1}{2}$ bushel for a space 2000 square feet; 1 bushel for a space 4000 square feet or say 40 x 100 feet. For Putting Greens we advise 100 lbs. of seed for greens 100 x 100 feet. For Fairways, 8 to 10 bushels per acre. For Pasture and Hay Fields, 6 to 8 bushels per acre, based on a 20 pound bushel.

Mitchell's "Top Notch" Lawn Grass Seed. The top notch of quality. A perfectly blended combination of quick growing, very compact, fine bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; 100 lbs., 37 $\frac{1}{2}$ c. per lb.

Mitchell's Green Velvet Lawn Grass Seed. Produces a perfect turf, composed of close growing, fine leaved hardy grasses. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37 $\frac{1}{2}$ c. per lb.

Mitchell's Evergreen Lawn Grass Seed. Composed of the finest native and foreign short growing and fine bladed grasses. 20 lbs. per bushel. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs., 30c. per lb.

Mitchell's Clover Lawn Grass Seed. The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover induced us to offer this brand; mixed with a liberal quantity of the best re-cleaned White Clover, which is peculiarly suited to take firm hold and grow quickly on hard or worn-out spots which sun burn easily. Splendid for seashore lawns. 30 lbs. per bu. 30c. per pt.; qt., 50c.; 90c. for 2 qts.; 4 qts., \$1.75; \$3.25 per pk.; bu., \$12.50; 100 lbs., 40c. per lb.

Mitchell's Seashore Lawn Grass Seed. Contains such grasses as thrive in salt air regions. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37 $\frac{1}{2}$ c. per lb.

Mitchell's Shaded Lawn Grass Seed. Will produce a perfect sward in the most densely shaded places. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37 $\frac{1}{2}$ c. per lb.

Fairmount Park Lawn Seed. A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bu. Pt., 15c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; pk., \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

Special Sod Grass Seed. Produces a heavy sod in a short time. 20 lbs. per bu. Pt., 15c.; 30c. per qt.; 2 qts., 55c.; \$1.00 for 4 qts.; pk., \$1.75; \$6.50 per bu.; 100 lbs. at 30c. per lb.

Mitchell's Terrace or Embankment Grass Seed. This mixture is composed of deep rooting varieties properly blended which will give very satisfactory results. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

Mitchell's Fair Ways (Golf Course) Mixture. Composed of short-growing, deep-rooted varieties that resist wear. Fairways to retain their permanency should receive additional sowings during the season. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 30c. per lb.

Southern States Evergreen Lawn Grass Seed. Made up especially for dry, hot localities; especially suited to the Southern States. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 30c. per lb.

Mitchell's Athletic Field Grass Seed. A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball Grounds, Football Grounds, Cricket Grounds, etc. Per qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu. (20 lbs.), \$6.00; 100 lb. lots and over 28 $\frac{1}{2}$ c. per lb.

Mitchell's Tennis Court Grass Seed Mixture. Our mixture will be found particularly adapted for the purpose as grass is coming more into favor on tennis courts. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

Mitchell's Putting Greens Mixture. A mixture of quick-growing, short, fine-bladed grasses, over which the ball can roll without resistance. We do not recommend less than 100 lbs. to a green, 100 feet square. 25 lbs. per bu.; 35c. per pt.; qt., 65c.; \$1.25 for 2 qts.; 4 qts., \$2.25; \$4.00 per pk.; bu., \$15.00; 100 lbs. at 55c. per lb.

Mitchell's Teeing Grounds Mixture. Used on golf course tees or in other places where a tough resisting turf is wanted. 20 lbs. per bu. Pt., 20c.; 35c. per qt.; 2 qts., 65c.; \$1.25 per 4 qts.; pk., \$2.25; \$8.00 per bu.; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

MISCELLANEOUS MIXTURES

Mitchell's Permanent Pasture Grass Seed. This mixture is a combination of hardy grasses which are the most nutritious for stock feeding or grazing. One sowing will last many years, although we advise additional sowing, each autumn, just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bu. per acre on new land or 2 bu. on established pastures. 20 lbs. per bu.; per pt., 15c.; 25c. per qt.; 2 qts., 45c.; 85c. for 4 qts.; pk., \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

Mitchell's Permanent Hayfield Grass Seed. This mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 3 to 4 bu. per acre on new lands or 2 bu. on established fields. 20 lbs. per bu. Pt., 15c.; 25c. per qt.; 2 qts., 45c.; 85c. for 4 qts.; peck, \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

WHITE CLOVER

Choice re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre. 5c. per pkt.; oz., 10c.; 20c. per $\frac{1}{4}$ lb.; $\frac{1}{2}$ lb., 40c.; 75c. per lb.; 5 lbs. for \$3.50; \$6.75 per 10 lbs.; bu., \$39.00; \$65.00 per 100 lbs. Price for larger quantity on application.

GRASSES IN SEPARATE VARIETIES

Bermuda Grass. For sowing as far North as Washington, D. C., above which latitude it is not hardy (35 lbs. per bu.).

Blue Grass, Fancy Kentucky (*Poa Pratensis*). Sow 3 to 5 bu. per acre on lawns, 2 $\frac{1}{2}$ to 3 bu. on pasture fields (14 lbs. per bu.).

Blue Grass, Canadian (*Poa Compressa*). Sow in same proportions as Kentucky Blue Grass Seed (14 lbs. per bu.).

Creeping Bent (*Agrostis Stolonifera*). Adapted for lawns, putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.).

Crested Dogtail (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 3 $\frac{1}{2}$ to 4 bu. per acre (21 lbs. per bu.).

Fescue, Chewing's New Zealand (*Festuca Chewing's*). Especially recommended for putting greens and lawns (14 lbs. per bu.).

Fescue, Creeping (*Festuca Rubra*). For sowing on sandy soil and in shaded places; also on putting greens (14 lbs. per bu.).

Fescue, Fine Leaved (*Festuca Tenatifolia*). This grass is especially valuable for dry soils. Sow 3 bu. per acre (14 lbs. per bu.).

Fescue, Hard (*Festuca Duriuscula*). Splendid for golf links, tennis courts, etc. Sow 3 bu. per acre (12 lbs. per bu.).

Fescue, Meadow (*Festuca Pratensis*). Sow 40 to 50 lbs. per acre (22 lbs. per bu.).

Fescue, Red (*Festuca Rubra*). Valuable for putting greens; also for sowing on sandy soil and in shaded places (14 lbs. per bu.).

Fescue, Sheep's (*Festuca Ovina*). For sowing on lawns, fields, or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.).

Herd or Red Top, Fancy Re-cleaned. One of the best grasses for sowing for immediate effect. Sow 25 lbs. per acre (32 lbs. per bu.).

Herd or Red Top, Unhulled (*Agrostis Vulgaris*). Sow 4 to 5 bu. per acre on lawns, or 3 bu. on pasture lands (10 lbs. per bu.).

Orchard Grass (*Dactylis Glomerata*). Fine for sowing in shaded places. Sow 40 lbs. per acre (14 lbs. per bu.).

Rhode Island Bent. For sowing at seashore resorts, on putting greens, tennis courts, etc.; 40 lbs. per acre (14 lbs. per bu.).

Rye Grass, English or Perennial (*Lolium Perenne*). (*Pacey's Fancy Short Seeded*.) This makes the quickest returns in growth of any grass. Sow 3 bu. per acre (24 lbs. per bu.).

Rye Grass, Italian (*Lolium Italicum*). Very desirable for pasture; ideal for southern lawns. Sow 50 lbs. per acre (18 lbs. per bu.).

Sudan Grass Seed (Annual). This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre.

Sweet Vernal (Annual). 5 lbs. per acre with other grass.

Sweet Vernal (Perennial). 5 lbs. per acre with other grass.

Timothy (*Phleum Pratense*). Sow one-half bu. per acre alone (45 lbs. per bu.).

Wood Meadow (*Poa Nemoralis*). The best grass for sowing under trees. Sow 30 lbs. per acre (14 lbs. per bu.).

THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

10-inch wheel, 5-blade cylinder.

15-inch cut.....\$19.50	19-inch cut.....\$25.50
17-inch cut.....22.50	21-inch cut.....27.50

PENNA. JR. BALL-BEARING MOWER

8-inch or low wheel, 5-blade cylinder, 5½-inch diameter.

12-inch.....\$14.50	16-inch.....\$20.00
14-inch.....17.50	18-inch.....23.00

10-inch or high wheel, 5-blade cylinder, 6-inch diameter.

15-inch.....\$25.50	19-inch.....\$32.50
17-inch.....28.50	21-inch.....36.50

PENNA. AND CONTINENTAL MOWERS

Low wheel, 8-in. diameter.

High wheel, 10½-in. diam.

12-inch.....\$14.50	15-inch.....\$25.50
14-inch.....17.50	17-inch.....28.50
16-inch.....20.00	19-inch.....32.50
18-inch.....23.00	21-inch.....36.50

Note. Continental machines can be supplied in high wheel only.**PENNA. PUTTING GREENS MOWER**

6-blade cylinder, 5½ inch diameter.

16-inch cut.....\$34.00	18-inch cut.....\$38.00
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PENNSYLVANIA GOLF LAWN MOWER

High wheel, 7-blade cylinder, ball-bearing.

17-inch....\$34.00	19-inch....\$38.00	21-inch....\$42.00
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GREAT AMERICAN MOWER

10-inch high wheel, 5-blade cylinder, ball-bearing.

15-inch.....\$18.50	19-inch.....\$24.00
17-inch.....21.50	21-inch.....26.50

COLDWELL BALL-BEARING MOWER

High wheel, 4-blade cylinder.

14-inch.....\$17.75	18-inch.....\$20.25
16-inch.....19.00	20-inch.....21.50

MICHELL'S "ORCHID" LAWN MOWER

High wheel, 4-blade cylinder, ball-bearing.

14-inch....\$16.00	16-inch....\$16.50	18-inch....\$17.00
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JEWEL LAWN MOWER

High wheel; 4-blade cylinder.

12-inch....\$7.50	14-inch....\$8.50	16-inch....\$9.00
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ELECTRA LAWN MOWER

High wheel, 10-inch cut, \$7.00.

BORDER MOWER

Cylinder extends full width of mower.

10-inch.....\$18.00	16-inch.....\$27.00
12-inch.....21.00	18-inch.....30.00
14-inch.....24.00	

TOWNSEND'S GOLF WONDER MOWER (FOR PUTTING GREENS)

14-inch.....\$21.00	18-inch.....\$26.00
16-inch.....23.50	20-inch.....28.00

Grass Catchers for Townsend Golf Wonder Mowers, for all sizes, \$7.00.

GRASS CATCHERS

Keen Kutter. Designed to fit any size or style mower, and can be attached or detached in a moment. Made of galvanized iron bottom and canvas sides. For mowers 12 to 16 inches cutting width, \$1.50 each; for mowers 17 to 22 inches cutting width, \$2.00 each.

Braun Make. Galvanized bottom, canvas back and sides; will fit Penna., Continental and Great American mowers.

12-inch.....\$3.00	16-inch.....\$3.50	19-inch.....\$4.00
14-inch.....3.25	17-inch.....3.75	21-inch.....4.25
15-inch.....3.50	18-inch.....3.75	

Catchers for Penna. Golf and Putting Greens mowers, all sizes, 12- to 21-inch, \$8.00 each.

Catchers for Penna. Horse and Pony mowers. 25-inch for Pony mower, \$5.50; 30-inch, \$30.00; 38-inch, \$38.00.

HORSE LAWN MOWERS, ETC.

Price on application.

LAWN TRIMMERS

For cutting around walks, drives, flower beds and borders.

Penna. Regular style, plain-bearing.....	\$10.50
Penna. Undercut style; ball-bearing.....	12.00
Capitol	11.00
Coldwell	9.50
Coldwell Gem. 8-inch cut.....	8.50

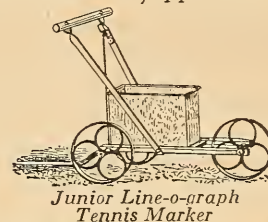
MCCORMICK MOWING MACHINES**Gear Drive**

These are now largely used for cutting on golf courses and large lawns, thus doing the preliminary work for the regular horse lawn mower. They are also equally well adapted for hay cutting.

3½ and 4 ft. cut, vertical bar, 1-horse machine....	Price on application.
4½ and 5 ft. cut (New 4), 2-horse machine.....	
4½ and 5 ft. cut, vertical bar, 2-horse machine....	

TENNIS COURT MARKER

Junior Line-o-graph. A perfect liquid lime tennis court marker especially designed for private courts; works perfectly on grass or clay. F. O. B., Philadelphia, \$42.50.



Junior Line-o-graph Tennis Marker

PENNSYLVANIA LAWN AND PUTTING GREEN CLEANER

The flexible rake bars are of wood, with steel springs and teeth; they rotate like a lawn mower cylinder and clean up leaves, mown grass, litter or rubbish, throwing it into a receptacle or bag in the rear.

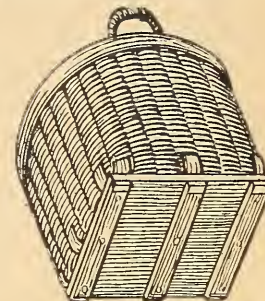
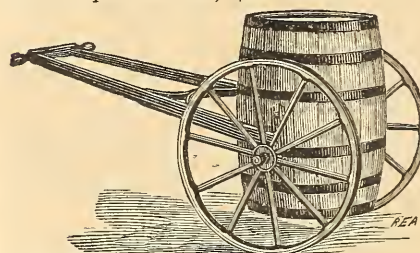
24-inch rake.....\$30.00

Penna. Putting Greens Sweeper, 24-inch.....32.50

Sweeping Brushes. Can be readily attached to the Rake for sweeping putting greens, paths, etc. \$8.00 per set of three.

RUBBISH BASKETS

A basket for gathering up rubbish and litter will be found a great convenience. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4.50 each.



Rubbish Basket

BARREL TRUCKS, ETC.

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.

2½-inch tire truck, all iron wheels, with barrel.....\$20.50

3½-inch tire truck, all iron wheels, with barrel.....21.50

Extra Barrels, with trunnions, open head.....6.50

KEYSTONE LEAF RACKS

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$7.50.

WOOD LEAF RACKS

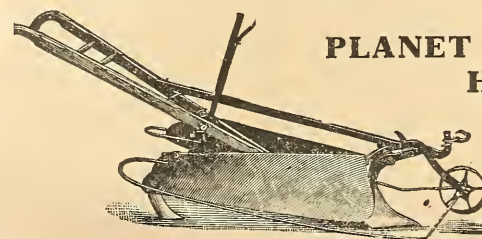
Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck, as shown above.

Leaf Rack only, no truck.....\$8.00

Leaf Rack with 2½-inch tire truck.....22.00

Leaf Rack with 3½-inch tire truck.....23.00

Truck with 3½-inch tire wheels, no rack or barrel.....15.00

**PLANET JR. CELERY HILLER**

Double, for hilling one side of 2 rows. Price, \$36.00.

LAWN MOWER OIL

Pure oil that will not gum or get sticky is an essential for the satisfactory operation of every mower. The oil sold by us has been selected with this point in view.

Prices: Per pint, 35c.; 50c. per quart; per ½ gal., 75c.; \$1.25 per gal.; 5 gals., \$4.50.

Lawn Mower Oil cannot be mailed.

GEM OIL CANS

Finished, Brazed Steel.

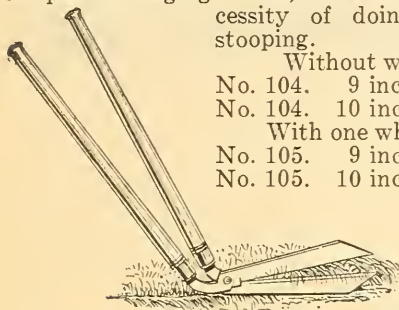
Cap.	Spout	Price
No. 1706.	8-oz. 6-inch bent.....	\$0.60
No. 1706.	8-oz. 6-inch straight.....	.60
No. C14AA.	8-oz. 5-inch straight, coppered.....	.50
No. 1606.	½-pt. 6-inch bent, steel..	.60
No. 1606B.	½-pt. 6-inch bent, brass..	1.00

EMERY

For sharpening Lawn Mowers. Price, 15c. per lb.; 10 lbs., \$1.45.

LAWN BORDER SHEARS

Made of finest American steel. They take the place of edging knives, and avoid the necessity of doing much stooping.



Without wheel.

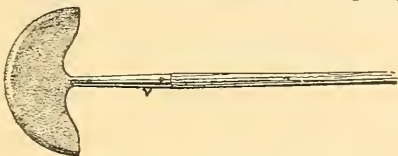
No. 104.	9 inch..	\$3.25
No. 104.	10 inch..	3.50

With one wheel.

No. 105.	9 inch..	\$4.00
No. 105.	10 inch..	4.50

LAWN BORDER SHEARS

For trimming under shrubbery, fences, etc. No. 1062, 9-in. blade, long handle, \$4.00. Handles for Border Shears, \$1.00 per pair.

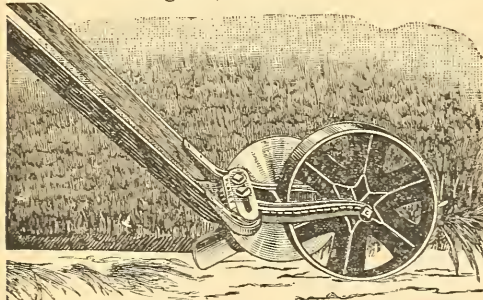


EDGING KNIVES

For trimming edges of paths, etc.

*Equipped with handle. Other styles are sold at additional price of 25c. for handles.

Mehler Edging Tool.....	\$1.50
*No. 040. American.....	1.10
No. 3863. English, 9 inch.....	2.00



PLANET JR. GRASS EDGER

May be used for cement, brick, stone or gravel walks and drives, or for flower beds. Price, \$6.00.

PLANET JR. NO. 2 GRASS EDGER

A steel disc device with a flange that runs on the cement path to cut away the grass which hangs over. Price, \$1.50.

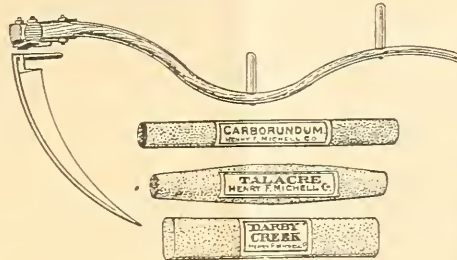
IMPERIAL LAWN EDGE TRIMMER

Makes a clean U-shaped trench, throwing the cutting to one side. Price, \$1.25.



GRASS SHEARS

No.		P. P. Wt.	Each
26.	6 inch, American.....	2 lbs.	\$0.50
114.	7 inch, English trowel shank.....	2 lbs.	1.75
113.	7 inch, English straight shank.....	2 lbs.	1.75
0267.	6 inch, American.....	2 lbs.	1.00
0267.	7 inch, American.....	2 lbs.	1.25
	Goodwin Patent Shears.....		1.75



SCYTHES

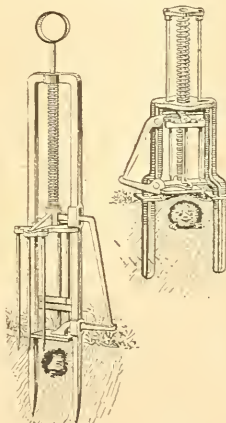
	Each
English, 32-inch, rivet back.....	\$2.50
English, 34-inch, rivet back.....	2.60
English, 36-inch, rivet back.....	2.75
American, Little Giant, 32-inch.....	2.00
American, Little Giant, 34-inch.....	2.00
American, Little Giant, 36-inch.....	2.00
Little Giant Brush or Briar.....	2.10
Snathes or Handles for Scythes...	2.25

SICKLES OR GRASS HOOKS

	Each
English Rivet Back, No. 2.....	\$1.00
English Rivet Back, No. 3.....	1.10
English Solid Back No. 2.....	.75
Little Giant.....	.70

SHARPENING STONES

	Each	Doz.
Waterloo or Talacre.....	\$0.30	\$3.25
Darby Creek.....	.30	3.25
Carborundum.....	.35	4.00



Reddick Olmsted

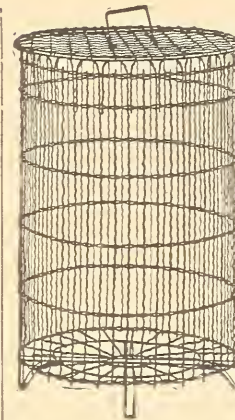
MOLE TRAPS

For catching moles that ruin lawns and damage the contents of hotbeds and cold frames. Moles move usually about 5 A. M. and 5 P. M., so that traps should be set for that period. See illustrations above.

Olmsted.....	\$2.00
Reddick.....	1.25

P. P. Wt. of the above, 3 lbs.

Complete Booklet on the Habits of the Mole mail-free, or included with each Mole Trap if asked for at time of ordering.



RUBBISH CONSUMERS

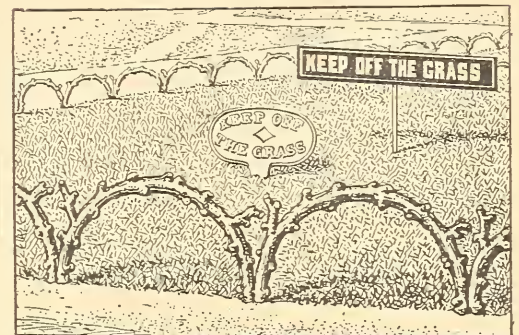
Made of galvanized wire; an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

Light Wire

Diam.	High Price
No. 1, 14x20 in..	\$1.50
No. 2, 15x24 in..	1.75
No. 3, 18x30 in..	2.50
No. 4, 20x35 in..	3.00

Extra Heavy Construction

No. 10, 16x22 in.	\$10.00
No. 20, 20x30 in.	16.00



LAWN GUARDS

For path corners, flower beds, etc. Iron (see cut), nicely painted green, \$2.00 each; per doz., \$20.00. Not mailable.

Wire, made extra heavy and well galvanized. Price, 35c. each; per doz., \$3.50. Not mailable.

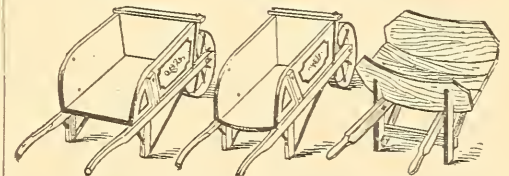
LAWN SIGNS

Excellent for putting on grass plots where thoroughfare is not desired.

Galvanized Iron, oval shape, trimmed green (see cut above), 75c. each; per doz., \$8.50. Parcel post weight, 4 lbs.

Enameled Iron Style. (See cut above.) This pattern is best for conspicuous places. Name-plate finished with green and white enamel; 20 inches long and about 4 inches wide. Equipped with iron stake. \$2.25 each; doz., \$25.00. Parcel post weight, 3 lbs.

WHEEL BARROWS



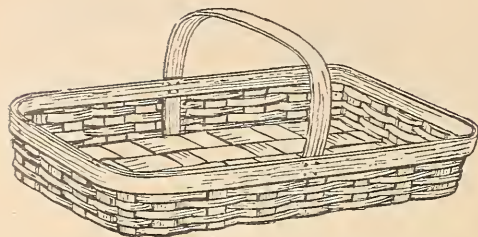
Eastern Greenhouse Canal

The measurements of barrows are understood, viz.; length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

Tire Lgth. Depth Width

No. in. in. in. in. Price

Ataboy					
Steel Tray	1½	26	8½	22	\$7.00
Michell's					
Special...	1½	26½	11	21	10.00
Lansing					
Lawn....	1¾	32¼	20½	26¼	20.00
Eastern....	3	1½	28	11	22 8.00
"	4	3	26¼	11½	27 9.00
"	5	3	28½	11¾	27 9.50
Boys' size..	2	2	21¾	9¼	20 7.00
Canal—Side dump (bolted).....					7.00
Special Greenhouse Style. Narrow body and handle width.....					14.00

**GATHERING BASKET**

Very convenient for carrying berry boxes, asparagus and other vegetables. Made of oak, with double collapsible handles; 12 in. wide, 23 in. long, 4 in. deep. Price, \$1.25.

GARDEN BASKETS**No. 2, Stiff Handle**

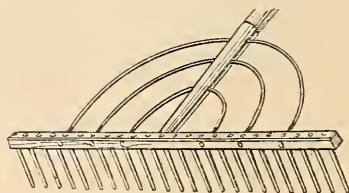
Each
½ Bu. \$1.00

No. 3, Drop Handle

Each
½ Bu. \$1.00

No. 4, Without Handle

Each
½ Bu. \$1.00
1 Bu. 1.25

*Ames, No. 37X Rake***WOODEN RAKES**

Ames, No. 37X. 24-tooth, steel bows. \$1.40
Ames, No. 30X. 14-tooth, hardwood. 1.15
Wire Braced. 20-tooth, lawn. .75

WIRE LAWN OR GRASS RAKE

Made of heavy tinned steel wire. The rake is reversible.

No. Tooth	No. Tooth
124R. 24. \$0.85	36LR. 36. \$1.25
No. 342. 42-tooth. \$1.40	

No. 342H—42-tooth, very close for cleaning off putting greens, \$1.50.

AUTOMATIC LAWN RAKE

A backward motion of the operator clears all the teeth at once.

26-tooth. \$1.50 | 38-tooth. \$1.75

OLE OLSEN LAWN RAKE

Made of best hard wood, well braced; teeth set close together.

26-tooth, hickory wood. Price, \$1.50.

**JOHNSON STEEL TROWELS, No. 211**

These are made of one piece steel blade and shank, equal to the imported trowels.

P. P. Wt.	P. P. Wt.
5 in. 1 lb. \$0.80	7 in. 1 lb. \$0.90
6 in. 1 lb. .85	

D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. Will last a lifetime. 6-in. blade. 85c. each.

Parcel post weight, 1½ lbs.

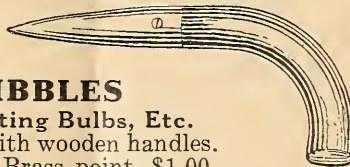
CLEVES' ANGLE TROWEL, No. 217

For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

	P. P. Wt.	Each
5 in.	1 lb.	\$0.25
6 in.	1 lb.	.30
7 in.	1 lb.	.35

MISCELLANEOUS TROWELS

	P. P. Wt.	Each
No. 213—5 in.	½ lb.	\$0.20
No. 213—6 in.	½ lb.	.25
Neverbreak—6 in, heavy steel, 1 lb. ....		.25

**DIBBLES**

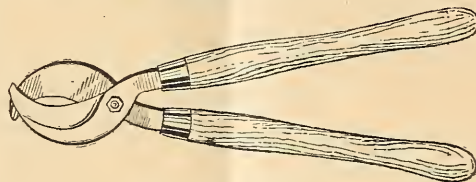
For Planting Bulbs, Etc.

Equipped with wooden handles.

No. 2180. Brass point, \$1.00.

No. 218. Iron point, 70c.

Parcel post weight, 1 lb.

*Rhodes Lopping Shear***LOPPING SHEARS**

Rhodes. Double cut. Easiest to operate. 24- and 28-inch handles. \$5.00

No. 109 English. 3-inch cut; finest English steel. 6.00

No. 5400 Clyde. 24-inch handles. 1½-inch jaw. 3.50

No. 5400 Clyde. 30-inch handles. Will handle limb 2½-inch diameter. 3.75

Parcel post weight, about 5 lbs. each.

No. 5406 Rockdale. 26-inch handle. 2.25

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**HORTICULTURAL KNIVES**

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to be perfect.

No.	Blades	Style Handle	Each
343	2	Saynor, brass lined, ivory	\$3.75
727W	2	Brass lined, white	1.75
04993	2	Steel lined, ebony	1.75
400	1	Saynor, not lined, ivory	3.75
401	1	Saynor, not lined, ivory	3.50
2852 1/2	1	Not lined, bone	1.25
928	1	English, steel lined, stag	2.75
924	1	English, steel lined, stag	2.50
778B	1	Brass lined, ebony	.85
105	1	Heavy, steel lined, cocoa	1.25
303	2	Saynor, Pruning, stag	2.50

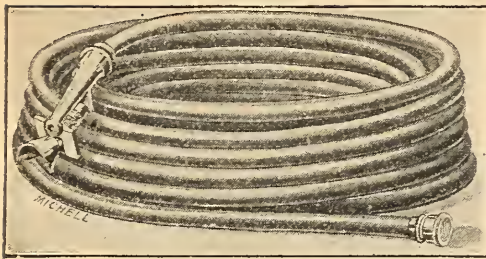
*Pexto Pruning Shear***PRUNING SHEARS**

Our pruning shears are procured from the most reliable makers and all are fully guaranteed.

No.	P. P. Wt.	Each
110 Perfection, 8 in.	1½ lbs.	\$3.25
50 Pexto, 8 in.	2 lbs.	1.10
R 50 Pexto, 9 in.	2 lbs.	1.25
55 Pexto, 9 in.	2 lbs.	1.75
R 95 Pexto, 10 in.	2 lbs.	4.50
110 Pexto, 8 in.	2 lbs.	3.25
109 Wiss, 8 in.	2 lbs.	4.00
65 Pexto American, 9 in.	2 lbs.	1.75
R165 Pexto American, 9 in.	2 lbs.	2.25
R 70 Pexto American, 9 in.	2 lbs.	1.75
23 Henckel, 4½ in.	1 lb.	2.00
23 Henckel, 6½ in.	1 lb.	2.25
14 Nickeled, 6½ in.	1½ lbs.	1.40
0 Pexto. ....		.60
999 Michell's.	1 lb.	3.25

Spiral Springs for any of the above Pruning Shears. 15c. each; per doz., \$1.50.

Parcel post weight, per doz., ½ lb.



RUBBER HOSE

Special attention is called to "Michell's Magic" Hose, a new brand, which, having been thoroughly tried out, has made good.

Per Foot.

*Michell's Special, 1/2 in.	\$0.14
*Michell's Special, 3/4 in.	.17
*Michell's Magic. A splendid smooth finish, red hose; 3/4 in.	.21
*Michell's Akron. Flexible, durable, unkinkable, 3/4 in.	.20
*Electric, 3/4 in.	.22
*Electric, 1/2 in.	.19
Spray Pump Hose, 3/8 in.	.15

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 35c. per pair for couplings.

Hose Washers. 8c. per doz.; 1/4 lb., 30c.; \$1.00 per lb.



Cooper Hose Mender

HOSE MENDERS

P. P. Weight

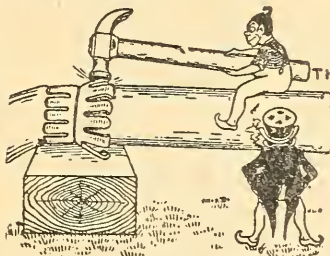
	Doz.	Each	Doz.
Cooper's 3/4-inch	1 1/4 lbs.	\$0.12	\$1.25
Cooper's 5/8-inch	1 lb.	.12	1.25
Cooper's 1/2-inch	1 lb.	.12	1.25
Iron, 3/4-inch	2 1/4 lbs.	.10	1.00

THE PERFECT HOSE MENDER

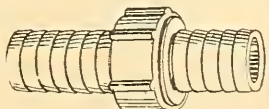
Made entirely of brass, with swivel motion—No band required.

For 3/4-inch hose, 15c. each; doz., \$1.50.

Parcel Post Weight, per doz., 1 3/4 lbs.



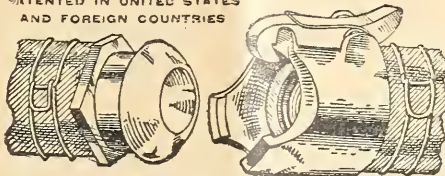
HOSE COUPLINGS



P. P. Wt. Doz. Pair Doz.

Plain Brass, 1/2 inch	3 1/4 lbs.	\$0.25	\$2.50
Plain Brass, 3/4 inch	4 lbs.	.25	2.50
Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required; for 1/2- and 3/4-inch hose; mention which is wanted when ordering. 30c. per pair; doz., \$3.00.			

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



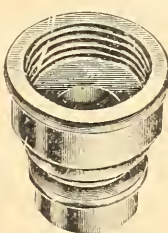
No. 2 Snap Coupling No. 1 Snap Coupling

SNAP HOSE COUPLINGS

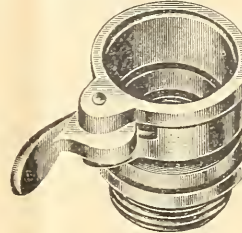
Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 35c. per pair; doz. pairs, \$3.75. Washers, 20c. per doz. Parcel Post Weight, per doz., 2 1/2 lbs.

SNAP COUPLING PARTS

No. 2. Male. 15c. each; per doz., \$1.50. Parcel Post Weight, per doz., 1 1/4 lbs.
No. 1. Female. 25c. each; per doz., \$2.50. Parcel Post Weight, per doz., 1 1/4 lbs.



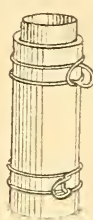
No. 3



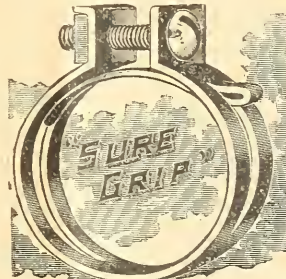
No. 4

ACME HOSE COUPLINGS

For quickly connecting and detaching hose. No. 3 part, for attaching to spigot, 30c. each; doz., \$3.00. Weight, per doz., 3 lbs.
No. 4 part, for attaching to hose, 50c. each; doz., \$5.00. Weight, doz., 3 lbs.
Couplings complete, consisting of one No. 3 and one No. 4 part, 80c. each; per doz., \$8.00. Weight, per doz., 6 lbs.



Caldwell Band as applied to Hose



HOSE BANDS

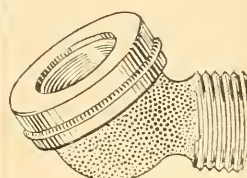
For fastening couplings and menders.

CALDWELL'S

No.	Doz.	Gross
8. For 3-ply hose	\$0.40	\$3.50
6. For 4-ply hose	.40	3.50
Parcel Post Wt., doz., 1/4 lb.; 100, 2 1/4 lbs.		

SURE GRIP

3/4-inch, 6c. each; per doz., 50c. Parcel Post Wt., doz., 1 lb.; 100, 9 1/2 lbs.



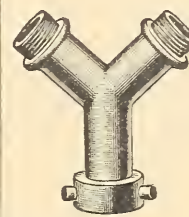
HYDRANT ATTACHMENTS

To be used for attaching hose to smooth faucets.

No. 2. For small spigot, 60c.

No. 3. For large or standard spigot, 60c. Parcel Post Weight, 1/2 lb. each.

No. 68 SIAMESE HOSE CONNECTION



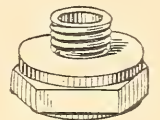
This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used, according to the water pressure. It is specially adapted for lawn sprinkling. Price, 85c. each.

Parcel Post Weight, 1 lb.

HOSE REDUCERS

For reducing 1-in. pipe to fit regular 3/4-in. hose.

Each.....\$0.80
Parcel Post Weight, 1 1/2 lbs.

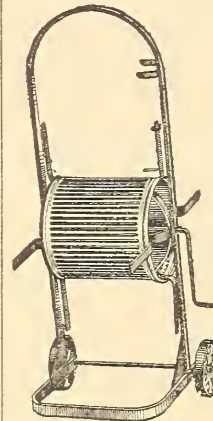


HOSE REELS

Reels are not mailable.

WIRT'S (All Iron).

10....100 ft.	\$5.00
20....150 ft.	6.00
30....400 ft.	9.00
Victor holds 100 ft. 3/4-in. hose. See cut. \$3.50.	



Victor Reel

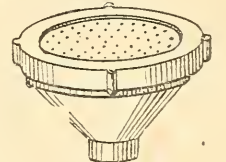
NOZZLE HOLDER

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 25c. each.

Parcel Post Weight, 8 ozs.

BINKS NOZZLE

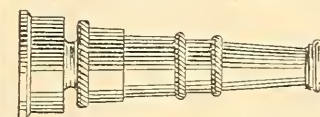
Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting



the hands. Positively the best and most indestructible nozzle made. \$3.00 each; worth twice the price. P. P. Wt., 1 1/4 lbs.

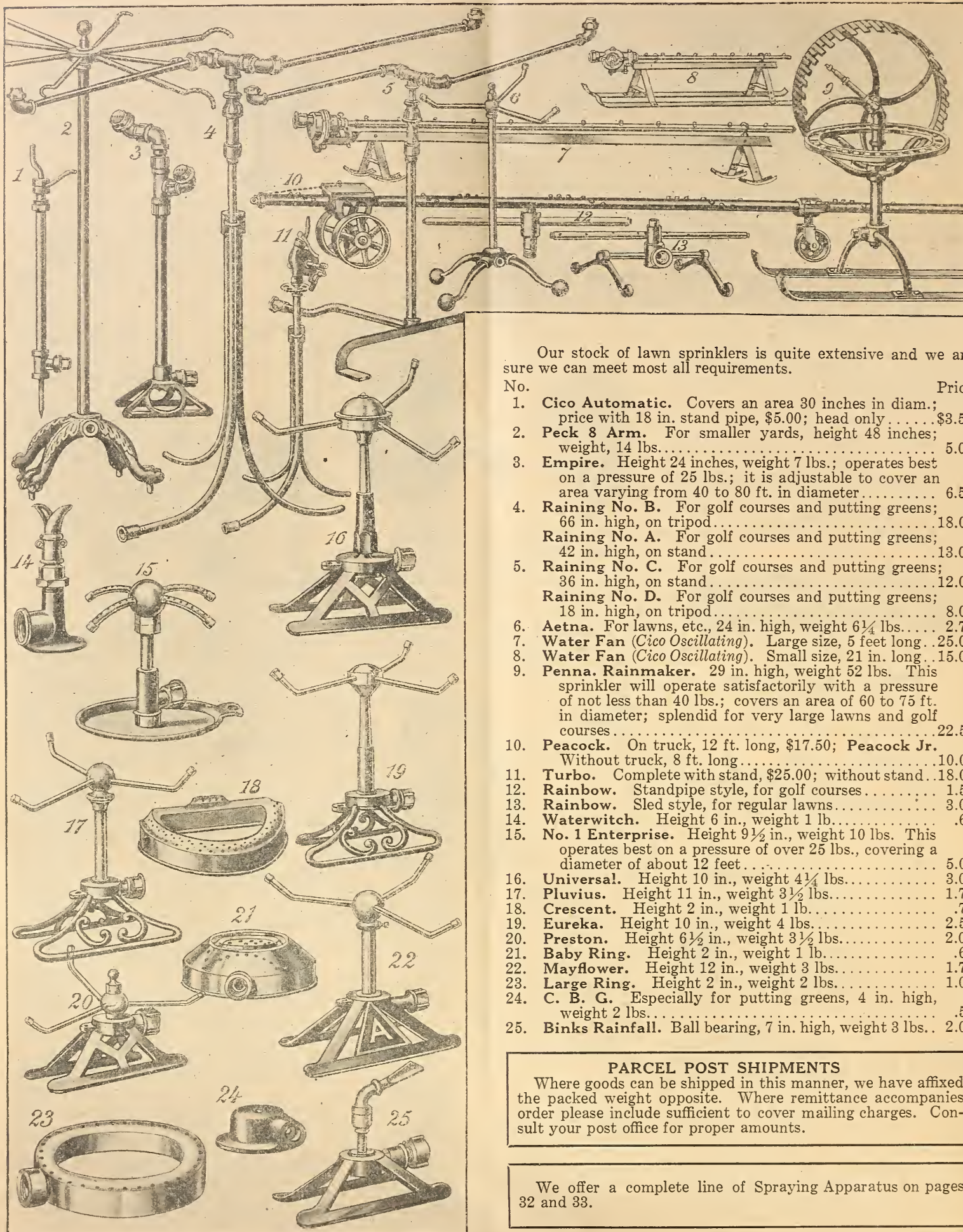
MYSTIC HOSE NOZZLE

3/4-inch hose. Can be regulated to give three different streams. Price, 65c. Weight, 1/2 lb.



MISCELLANEOUS NOZZLES

	P. P. Wt.	Price
Boston, Light Copper....	1/2 lb.	\$1.10
Boston, Heavy Brass....	1 lb.	1.40
Champion. A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. P. P. Wt. 1/2 lb., 75c. each.		
Allen. Similar to the Mystic nozzle. Parcel Post Weight 1/2 lb. Price, 75c.		
Rose. Useful for watering lawn and garden. Parcel Post Weight 1/2 lb. Price, 40c.		



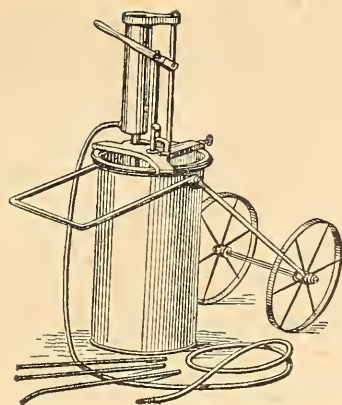
Our stock of lawn sprinklers is quite extensive and we are sure we can meet most all requirements.

No.		Price
1.	Cico Automatic. Covers an area 30 inches in diam.; price with 18 in. stand pipe, \$5.00; head only.....	\$3.50
2.	Peck 8 Arm. For smaller yards, height 48 inches; weight, 14 lbs.....	5.00
3.	Empire. Height 24 inches, weight 7 lbs.; operates best on a pressure of 25 lbs.; it is adjustable to cover an area varying from 40 to 80 ft. in diameter.....	6.50
4.	Raining No. B. For golf courses and putting greens; 66 in. high, on tripod.....	18.00
	Raining No. A. For golf courses and putting greens; 42 in. high, on stand.....	13.00
5.	Raining No. C. For golf courses and putting greens; 36 in. high, on stand.....	12.00
	Raining No. D. For golf courses and putting greens; 18 in. high, on tripod.....	8.00
6.	Aetna. For lawns, etc., 24 in. high, weight 6¼ lbs.....	2.75
7.	Water Fan (Cico Oscillating). Large size, 5 feet long.....	25.00
8.	Water Fan (Cico Oscillating). Small size, 21 in. long.....	15.00
9.	Penna. Rainmaker. 29 in. high, weight 52 lbs. This sprinkler will operate satisfactorily with a pressure of not less than 40 lbs.; covers an area of 60 to 75 ft. in diameter; splendid for very large lawns and golf courses.....	22.50
10.	Peacock. On truck, 12 ft. long, \$17.50; Peacock Jr. Without truck, 8 ft. long.....	10.00
11.	Turbo. Complete with stand, \$25.00; without stand.....	18.00
12.	Rainbow. Standpipe style, for golf courses.....	1.50
13.	Rainbow. Sled style, for regular lawns.....	3.00
14.	Waterwitch. Height 6 in., weight 1 lb.....	.60
15.	No. 1 Enterprise. Height 9½ in., weight 10 lbs. This operates best on a pressure of over 25 lbs., covering a diameter of about 12 feet.....	5.00
16.	Universal. Height 10 in., weight 4¼ lbs.....	3.00
17.	Pluvius. Height 11 in., weight 3½ lbs.....	1.75
18.	Crescent. Height 2 in., weight 1 lb.....	.75
19.	Eureka. Height 10 in., weight 4 lbs.....	2.50
20.	Preston. Height 6½ in., weight 3½ lbs.....	2.00
21.	Baby Ring. Height 2 in., weight 1 lb.....	.65
22.	Mayflower. Height 12 in., weight 3 lbs.....	1.75
23.	Large Ring. Height 2 in., weight 2 lbs.....	1.00
24.	C. B. G. Especially for putting greens, 4 in. high, weight 2 lbs.....	.50
25.	Binks Rainfall. Ball bearing, 7 in. high, weight 3 lbs.....	2.00

PARCEL POST SHIPMENTS

Where goods can be shipped in this manner, we have affixed the packed weight opposite. Where remittance accompanies order please include sufficient to cover mailing charges. Consult your post office for proper amounts.

We offer a complete line of Spraying Apparatus on pages 32 and 33.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

No. 0. Capacity, 3 gallons; equipped with 4 ft. of hose, one 3-ft. extension pipe and 2 spray nozzles. Price, \$16.00.

No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$21.00.

No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$31.00. We can also supply this sprayer with single wheel at same price.

No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. 25-gal. barrel, complete, \$47.50.

No. 5. Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, 1 10-ft. iron extension pipe, 1 3-way spray nozzle and 1 single spray nozzle, no truck, \$51.00.

Bucket Washers for Paragon Sprayers, 30c. each.

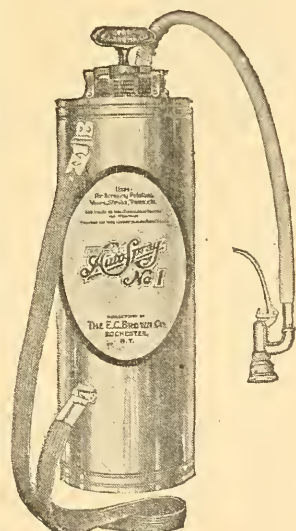
AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.

No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$9.50.

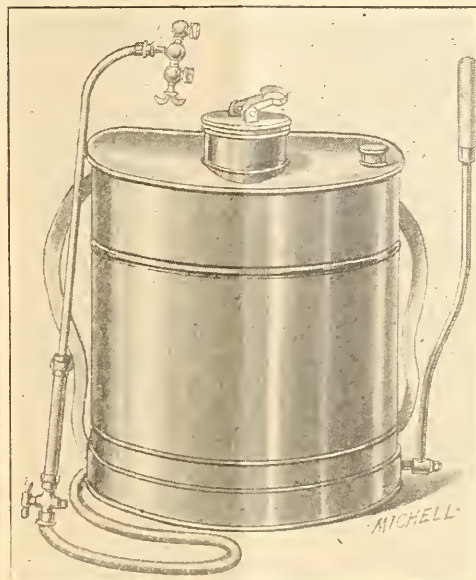
No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop, \$6.50.

Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.50 each. \$2.25 complete with hose. P. P. weight, 1 lb.



THE ROBERTSON POTATO SPRAYER

Price, \$1.75



GOULD'S FRUITALL BARREL PUMP No. 1188

A high-grade pump at an attractive price, within the reach of every one who has need for such a pump. 2 in. diameter cylinder. Bronze wearing parts. Plain pump, no hose, nozzle or barrel, \$12.00.

Outfit C.—With agitator, one 15 ft. lead of ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$18.00.

Outfit D.—With agitator, two 15 ft. leads of ½ in. spray hose and two Mistry Jr. nozzles (no barrel), \$24.50.

Barrels for holding spray solution, 50 gal. capacity, \$6.50.

GOULD'S POMONA BARREL SPRAY PUMP, Fig. 1100

Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2½ in. diam. cylinder only, \$22.00.

Outfit C.—With one 15 ft. section ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$27.50.

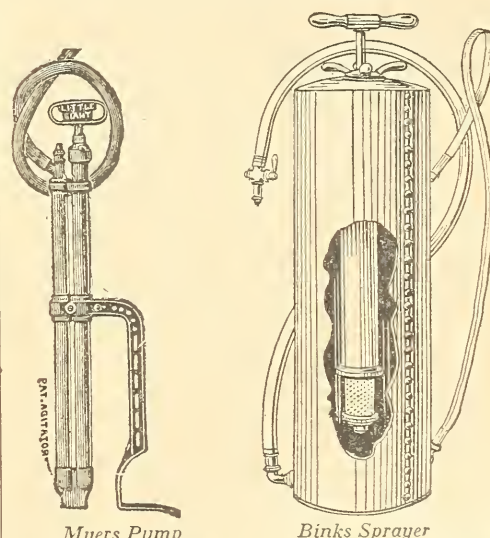
Outfit D.—With two 15 ft. sections ½ in. spray hose and two Mistry Jr. nozzles, \$33.50.

Barrels for holding spray solution, 50 gal. capacity, \$6.50 each.

No. 22 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gals. capacity. Brass pump with a patent clamping device, equipped with 3 feet of hose, spray nozzle shut-off cock and shoulder strap. See illustration below.

P. P. Wt., 15 lbs. Price, \$8.50.



Myers Pump

Binks Sprayer

No. 1 MYSTO KNAPSACK SPRAYER

A new French knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not the best purchase in this line you may return it at our expense and your account will be credited in full after you have given it a thorough trial. Price, \$25.00.



EXTENSION PIPES, Etc.

For reaching into trees; ¾ inch threads. Bamboo, with brass tube; 10 feet... \$6.50
Galv. Iron, 2 ft., P. P. weight, 6 ozs... .50
Brass, 2 ft., P. P. weight, 8 ozs... .65
Pet Cock, for extension pipes... 1.25
Paragon Extensions, 2½ ft., 55c. each.
Parcel Post weight, 12 ozs.

SPRAY NOZZLES (¾-in. Thread)

Mistry, Jr., Fig. 1688, Straight style... \$0.85
Mistry, Jr., Fig. 1691, Elbow style... .85
Mistry, Fig. 1689, Single nozzle, adjustable angle... 1.60
Mistry, Fig. 1690, Double nozzle, adjustable angle... 3.50

If nozzles are wanted for ¾-in. hose connections, add 65c. to above prices for Fig. 966 combination.

Bordeaux Nozzle, P. P. Weight, 8 oz., each, \$1.35.

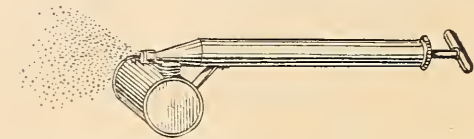


AUTOMATIC COMPRESSED AIR SPRAYER

Parcel Post Weight, 2 lbs.

This is the grandest hand sprayer ever offered, very easily operated, especially desirable for ladies' use.

Tin. Each...\$1.00 | Brass. Each...\$2.00



CYCLONE HAND SPRAYER

Similar to the above, except they do not have the automatic air reservoir attachment. P. P. Weight, 1½ lbs.

No. 112, Tin, large, 50c. No. 114, Brass, \$1.00.

JIM DANDY HAND SPRAYER

Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Heavy seamless brass pump; brass nozzle, non-cloggable; throws long distance fine mist or coarse spray. Price, \$3.50.

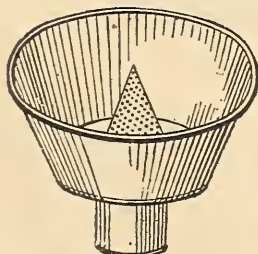


HEAVY BRASS SYRINGES

Parcel Post

No.	Diam.	Length	Wt.	Price
99.	1½ in.	18 in. 1 spray...	1¾ lbs.	\$4.25
101.	1¼ in.	14 in. 2 sprays...	2 lbs.	4.75
101A	1½ in.	16 in. 2 sprays...	2¼ lbs.	5.00
110.	1¾ in.	20 in. 2 sprays...	4½ lbs.	10.75
120.	1¾ in.	20 in. Adjustable	5 lbs.	12.50

COPPER STRAINER



For straining white-wash, spraying material, etc. The neck is of the correct size to fit into the reservoir of an auto-spray, which allows both hands to be free when using it. \$1.40 each.

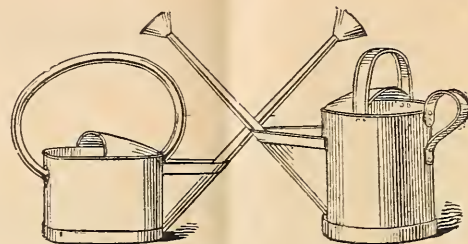
P. P. Weight, ¾ lb.

THE KIRKE FEEDER

Made to accommodate cartridges of various kinds, containing fertilizer and insecticide ingredients, each separate as below. The illustration shows how the Kirke Fertilizer and Insecticide Cartridge Holder is attached to spigot.

Each Doz.

Nickel Cartridge Holder.....	\$3.25
Angle Worm Cartridges.....	.80 \$9.00
Nicotine Cartridges.....	.35 3.75
Salt Cartridges.....	.20 1.50
Arsenate of Lead Cartridges.....	.55 6.00
Fertilizer Cartridges.....	.25 2.25
Bordeaux Cartridges.....	.40 4.00



WATER CANS (Wotherspoon's)

Extra Heavy—With Long Spout—Will Last for Years

Each Wotherspoon can comes equipped with two roses, one coarse and one fine. These cans are not mailable.

	Round	Oval
4 quart.....	\$3.50	
6 quart.....	3.85	\$4.50
8 quart.....	4.15	4.80
10 quart.....	4.45	5.10
12 quart.....	4.90	5.70
16 quart.....	5.40	6.40
4 quart Fern or Low Watering Can.....	2.75	

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 50c. each.

Parcel Post Weight on roses, 8 ozs.

IRON HORSE WATER CANS

Fine for cemetery purposes and other places where a can desired to last is wanted. This is very heavy and substantially made and is quite easily worth more than the regular galvanized or tin affair. (Not mailable.)

4 quart.....	\$1.15	10 quart.....	\$1.65
6 quart.....	1.25	12 quart.....	1.90
8 quart.....	1.50	16 quart.....	2.50

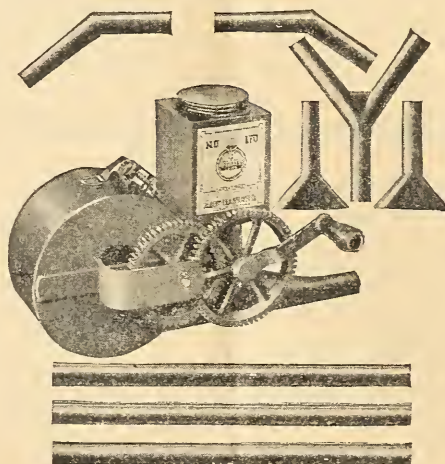
IRON CLAD WATER CANS

Light galvanized make.

4 quart.....	\$1.00	10 quart.....	\$1.55
6 quart.....	1.15	12 quart.....	1.65
8 quart.....	1.30	16 quart.....	2.10

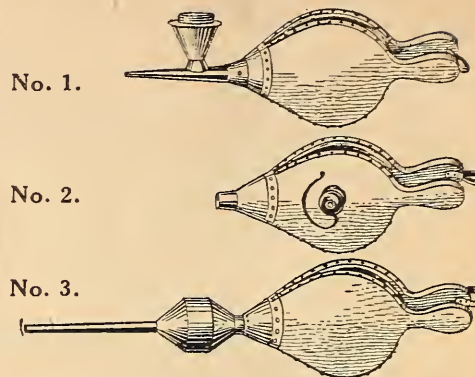
RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. \$2.25.



UTILITY DUSTER

Used for the application, in dry form, of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined cut gears. Provided with tubes, connections and nozzles as illustrated; also an adjustable carrying strap. Price, \$12.50.



WOODASON HAND BELLOWS

P. P. Wt.

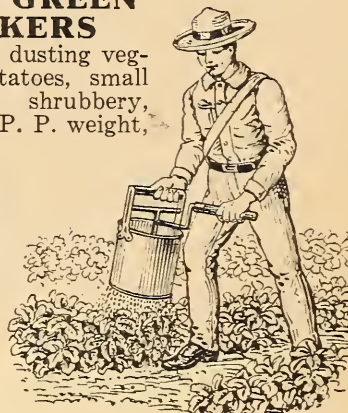
No. 3. Large double cone.....	5 lbs.	\$6.50
Large single cone.....	3 lbs.	4.50
No. 1. Small single cone.....	2 lbs.	3.00
No. 2. Sulphur bellows.....		3.75

PARIS GREEN SHAKERS

Tin. For dusting vegetables, potatoes, small fruits and shrubbery, 65c. each. P. P. weight, 2 lbs.

Farmers' Favorite.

(See cut.) Large double action affair, \$3.50 each. P. P. weight, 4 lbs.



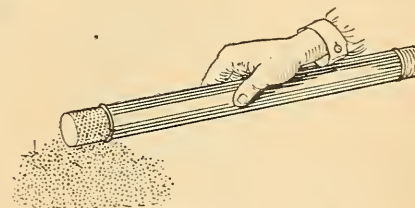
B. D. SHAKER



For applying dry insecticides, such as Bug Death, Slug Shot, Paris Green, etc.; made of tin; practical and durable, P. P. weight, 3 lbs., 85c.

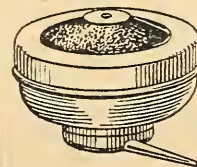
AMERICAN BEAUTY DUST SPRAYER

Similar in shape to an Auto Spray; carried by straps thrown over the shoulder, a spiral agitator forces the dust through a fine screen and is then carried through a flexible, wire-wrapped hose and finally blown out through a discharge pipe. Price, \$25.00.



DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. Price, 50c. P. P. weight, 1 lb.



WHIRLWIND POWDER GUN

For distributing dry powder. Price, 35c. P. P. weight, 8 oz.

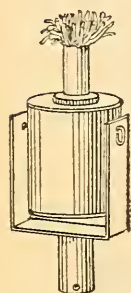
THE KEY DUSTER GUN

This device contains a chamber into which is inserted a cartridge or canister of powdered insecticide. These canisters can be inserted or taken out at will. When the cartridge or canister of insecticide is inserted, the gun opens it automatically, while it may be removed without loss of material, thus enabling the operator to change from one preparation to the other.

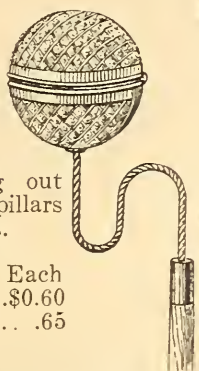
The following is a list of preparations packed in form suitable for use in the Key Gun.

	Price
Aphis.....	\$0.15
Bordeaux Arsenate.....	.15
Hellebore.....	.15
Lime Sulphur.....	.15
Oloro. For flowers and shrubs.....	.15
Price of Gun.....	1.50

OIL TORCHES



Reservoir Torch



Asbestos Torch

For burning out worms, caterpillars and tree pests.

P. P.
Wt. Each
Reservoir, 1/2 lb. \$0.60
Asbestos, 1 lb. .65

POLES FOR TORCHES, Etc.

Hardwood, 12 feet, \$2.00; 14 feet, heavy, \$2.25. Poles are not mailable.



Spraywell

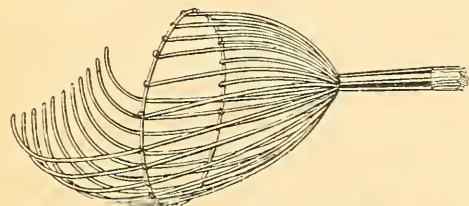


Scollay

RUBBER SPRINKLERS

Either Straight Neck or Crook Neck.

Spraywell, 6-oz. cap.	Wt. 8 ozs.	\$0.85
" 8-oz. cap.	Wt. 1 lb.	1.00
" 10-oz. cap.	Wt. 1 lb.	1.25
Scollay No. 1.	Wt. 1 lb.	1.50

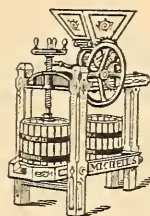


BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 40c. P. P. Weight, 2 lbs.

MASTERS FRUIT PICKER

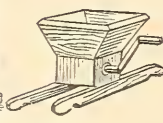
Equipped with an attachment for a pole and holding bag; a very desirable tyre, that will not bruise the fruit. Price, \$1.50



Cider Mill



Wine Press



Grape Grinder

CIDER MILLS

Junior.....	\$30.00
Medium.....	32.50
Senior.....	45.00
Bantam, single tub.....	20.00

WINE PRESSES

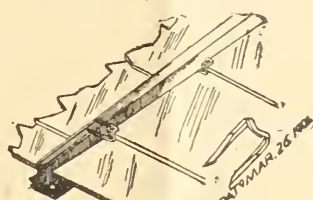
Made of best quality wood, carefully bolted and finished.

No. 1.....	\$8.00
No. 2.....	10.00
No. 3.....	14.00

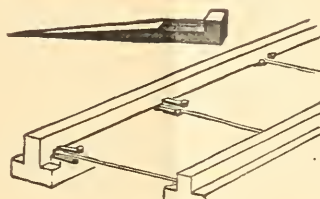
No. 11 GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

No. 5.....	\$5.00
No. 10.....	\$6.00



Peerless Glazing Point



Siebert Glazing Point

GLAZING POINTS

Peerless. Three sizes.

No. 1, for single thick glass.
No. 2, for single thick glass.
No. 2 1/2, for double thick glass.
Price, 65c. per 1000. By mail, 10c. per 1000 extra.

Pincers. For driving Peerless Points, 60c. By mail, 65c.

Siebert Style. Made with a prominent head; cannot rust; easily driven. 5/8, 3/4 and 7/8 inches long. Zinc, 60c. per lb.; 5 lbs., \$2.75. 1000 to 1200 in a lb.

Zinc Glazing Nails. 50c. per lb.; 5 lbs., \$2.40.

GLASS CLAMPS

For supporting broken lights of glass. Per box of 100, \$1.75. P. P. Wt., 1 1/4 lbs.

GLASS CUTTERS

Single Wheel, steel, each.....	\$0.25
6-Wheel, steel, each.....	.60
No. 8 Small Diamond (Ebony handle).....	4.50
No. 8A Large Diamond (Mahogany handle).....	5.75

PERMANITE GLAZING CEMENT

Apply with a mastica machine or "Permanite" Gun.

1 gal.,	\$2.75; \$12.50 for 5 gals.
Permanite Gun.....	\$7.50

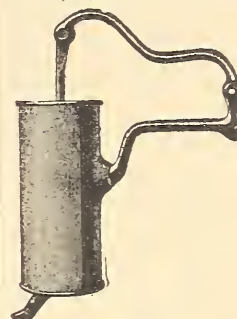
TWEMLOW'S PUTTY

Superior to ordinary putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

16-lb. can (1 gal.) P. P. Wt., 18 lbs.....	\$2.75
80 lbs. (5 gals.).....	13.50
160 lbs. (10 gals.).....	26.50

PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, \$1.50. Parcel Post Weight, 1 lb.



Mastica Machine



Putty Distributor

MASTICA

For glazing greenhouses. One gallon will cover about 300 running feet.

1 gallon.....	P. P. Wt. 15 lbs. \$2.75
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MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, \$3.00. P. P. Wt., 2 lbs.

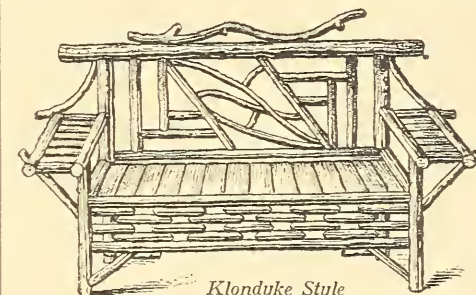
HAMMOND'S GREENHOUSE WHITE

A superior white paint for sash bars, sash frames, etc. Per gal., \$4.25.

SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards	Price	Price
	Per Piece	Per Yard	Per Piece
Light.....	60	\$0.15 1/2	\$8.40
Medium....	60	.22	12.00
Heavy.....	40	.30	10.80



Klondyke Style

RUSTIC FURNITURE

This is made by thoroughly experienced men; carefully finished, in the natural state with the bark on it, and not varnished.

RUSTIC SETTEES

Florida Style, 4 ft. long.....	\$4.50
Klondyke Style, 5 1/2 ft. long.....	11.50
Elwood Style, 4 ft. long.....	4.50
Mission Style, 4 ft. long.....	10.00

RUSTIC CHAIRS

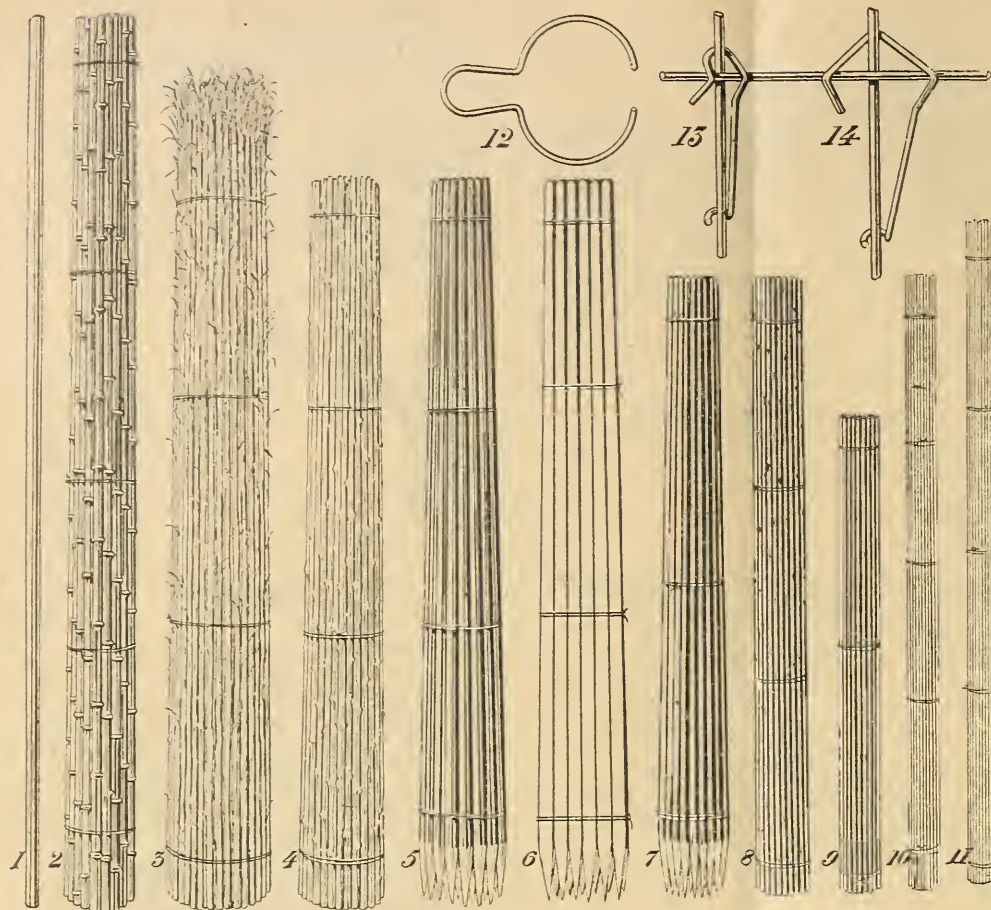
Elwood Style.....	\$3.00
Klondyke Style, 48 in. wide.....	7.50
Mission Style.....	7.00

RUSTIC TABLE

Mission Style, 28 x 28 in.....	\$8.50
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GARDEN SEAT

Canopy Style.....	\$56.00
Japanese Umbrella Style, with slab roof \$36.00; with lattice roof.....	\$44.00



KEY TO ABOVE ILLUSTRATION: No. 1, Pole for Pruners; No. 2, Bamboo Poles, STAKES; No. 3, Southern Cane; No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green; No. 9, Hyacinth; No. 10, Galvanized Wire; No. 11, Galvanized Wire; No. 12, Wire Plant Tie; No. 13, Eureka Stake Fastener; No. 14, Everlasting Stake Fastener.

TAPERING PLANT STAKES

PAINTED GREEN

	Weight per Doz.	Each	Doz.	100
1½ feet.....	½ lb.	\$0.03	\$0.25	\$1.88
2 feet.....	½ lb.	.05	.47	3.50
2½ feet.....	1 lb.	.07	.69	5.12
3 feet.....	1¼ lbs.	.08	.91	6.75
3½ feet.....	1½ lbs.	.10	1.13	8.37
4 feet.....	2 lbs.	.12	1.34	10.00
5 feet.....		.16	1.78	13.25

ROSE OR DAHLIA STAKES

Round tapering style; painted green.

	Weight per Doz.	Each	Doz.	100
3 feet.....	2½ lbs.	\$0.13	\$1.44	\$10.75
3½ feet.....	4 lbs.	.15	1.66	12.37
4 feet.....	5 lbs.	.17	1.92	14.25
5 feet.....		.22	2.33	18.25
6 feet.....		.27	3.01	22.37

SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

	Weight per Doz.	Each	Doz.	100
1½ feet.....	½ lb.	\$0.03	\$0.30	\$1.85
2 feet.....	½ lb.	.05	.45	2.60
2½ feet.....	1 lb.	.06	.60	4.00
3 feet.....	2 lbs.	.11	1.08	7.25
3½ feet.....	2½ lbs.	.12	1.15	8.25
4 feet.....	4 lbs.	.15	1.40	9.75
5 feet.....		.20	2.00	14.00
6 feet.....		.25	2.50	16.50

HYACINTH STAKES

Used for staking hyacinths, tulips and slender plants; dyed green.

	P. P. Wt.	per 100	Doz.	100	1000
5 inch.....	1½ lbs.	\$0.05	\$0.20	\$1.50	
12 inch.....	2 lbs.	.07	.30	2.50	
18 inch.....	2 lbs.	.10	.40	3.50	

GALVANIZED WIRE STAKES

No. 10 WIRE, LIGHT

	P. P. Wt.	Doz.	Doz.	100	1000
2 feet.....	1½ lbs.	\$0.20	\$1.00	\$8.00	
2½ feet.....	1½ lbs.	.25	1.25	10.00	
3 feet.....	2 lbs.	.30	1.50	12.00	
3½ feet.....	2¼ lbs.	.35	1.60	14.00	
4 feet.....	2½ lbs.	.40	1.80	16.00	
4½ feet.....	3 lbs.	.45	2.00	18.00	
5 feet.....		.50	2.25	20.00	
5½ feet.....		.55	2.50	22.00	
6 feet.....		.60	2.75	24.00	

No. 8 WIRE, HEAVY

	P. P. Wt.	Doz.	100	1000
2 feet.....	2 lbs.	\$0.30	\$1.50	\$12.00
2½ feet.....	2½ lbs.	.35	1.75	15.00
3 feet.....	3¼ lbs.	.40	2.00	17.00
3½ feet.....	3 lbs.	.45	2.50	21.00
4 feet.....	3½ lbs.	.50	2.75	23.00
4½ feet.....	4 lbs.	.55	3.00	26.50
5 feet.....		.60	3.75	29.00
5½ feet.....		.70	4.00	32.00
6 feet.....		.75	4.25	35.00

CANE STAKES

	Doz.	100	250	1000
Southern 6 to 7 feet....	\$0.35	\$2.00	\$3.75	\$14.00

JAPANESE GREEN CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

	Doz.	100	500	1000
1½ feet.....	\$0.15	\$0.75	\$3.25	\$6.00
2 feet.....	.20	1.25	5.50	10.00
2½ feet.....	.25	1.40	6.75	12.00
3 feet.....	.35	1.60	7.50	14.00
3½ feet.....	.35	2.00	8.50	16.00
4 feet.....	.40	2.25	9.50	18.00
5 feet.....	.50	2.50	10.50	20.00

JAPANESE NATURAL CANE STAKES

	Doz.	100	500	1000
2½ feet.....	\$0.20	\$1.35	\$5.75	\$10.60
3 feet.....	.25	1.60	7.00	12.50
4 feet.....	.30	2.00	8.00	15.00
6 feet.....	.40	2.35	11.00	20.00

WIRE STAKE TIE

(Buschardt's)

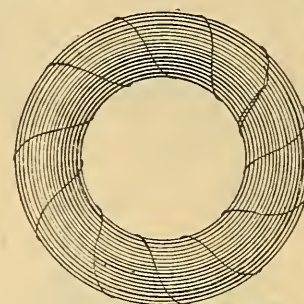
For fastening plants to stakes, either wire or wood; can be used many times.

1000 ties in a pkg. Price, \$2.50.

STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.

	P. P. Wt.	per 100	500	1000
Everlasting.....	½ lb.	\$2.25	\$4.00	
Eureka.....	¼ lb.	1.40	2.75	



WIRE

Allow for postage if wanted by mail.

	Lb.	12-lb. Stone
No. 16. Galvanized.....	\$0.20	\$1.50
No. 18. Galvanized.....	.22	1.60
No. 19. Galvanized.....	.24	1.80
No. 20. Galvanized.....	.26	1.90
No. 22. Galvanized.....	.28	2.00
No. 16. Annealed.....	.18	1.25
No. 18. Annealed.....	.20	1.30
No. 20. Annealed.....	.24	1.50
No. 22. Annealed.....	.26	1.60
No. 24. Annealed.....	.28	2.00

TINNED WIRE

Used for bunching celery, etc.

No. 19, in 10-lb. boxes, cut 8½ inches, 30c. per lb.; per box, \$2.50.

CUT BOUQUET WIRE

For Stemming Flowers

Cut 9, 12 or 18 inches in length.

No. 20, 25c. per lb.; per box, 12 lbs....	\$2.00
No. 22, 30c. per lb.; per box, 12 lbs....	2.25
No. 24, 35c. per lb.; per box, 12 lbs....	2.75

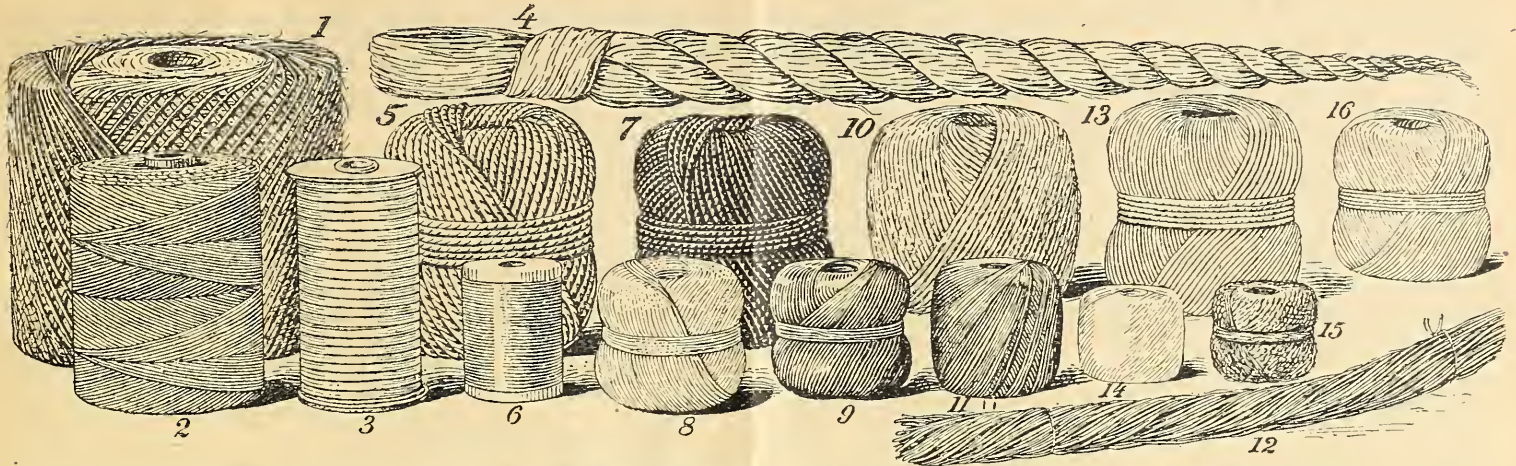
BAMBOO POLES

Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

	Each	Doz.	100
16 feet.....	\$0.50	\$5.50	\$40.00
18 feet.....	.60	6.50	50.00
20 feet.....	.75	7.50	60.00

Poles for Tree Pruners

12 feet long.....	\$2.00
14 feet long.....	2.25



Key to above illustrations. No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkaline; No. 7, Tarred Marlin; No. 8, Cayuga, Medium; No. 9, Silkaline Substitute; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarred Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, heavy.

TWINES, ETC.

	Ball	Lb.
No. 108. White Cayuga, Medium.....	\$0.30	\$0.60
No. 208. White Cayuga, Heavy.....	.30	.60
Jute, 2-ply and 3-ply.....	.15	.30
Linen Bouquet.....	.12	.85
Green Sea Island.....	.10	.70
No. 4½. Japanese Twine Medium heavy.....	.30	
Jefferson White Cotton, 3-ply.....	.10	.45
Peerless. Color, Nile green....		1.25
Tarred. For mat making....	.30	
Tarred Sisal. For fodder....		.20
Binder.....		.25
Express. Very heavy.....	.25	
Green Silkaline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse.		
Price, per spool, 40c.		
Price, per lb. (8 spools).....		\$3.00
Smilax Twine (Silkaline Substitute).		
Very similar to the above; fast color.		
Price, 25c. per spool; per lb., \$1.50.		

RAFFIA

For tying, basket making and fancy work; very long and fibrous.
Natural Color, 25c. per lb.; 5 lbs., \$1.10.
Green, \$1.00 per lb.; 5 lbs., \$4.75.

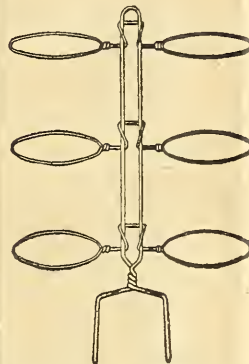
RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about 1/8 inch wide and is put up in 250-yard bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green.
Parcel Post Weight, per bolt, 1/2 lb.
Per bolt of 250 yards, \$1.00; 6 bolts, \$5.75.

Parcel Post Shipments

Where goods can be shipped in this manner, we have affixed the packed weight opposite. Where remittance accompanies order please include sufficient to cover mailing charges. Consult your post office for proper amounts.

CARNATION SUPPORTS



Richmond 3-Ring Support (Double)

The Richmond, shown here, is the most popular support on the market. Can be put together in a minute and is always satisfactory; 24 in. high.

Richmond, double	Doz. 100	1000
	\$1.50	\$7.50 \$60.00
Richmond, single	Doz. 100	1000
	\$1.25	\$6.50 \$55.00
Model, 2-ring	Doz. 100	1000
	\$1.00	\$6.50 \$55.00
Model, 3-ring	Doz. 100	1000
	\$1.25	\$7.00 \$65.00



TREE LABELS

Parcel Post Weight, 1/2 lb. per 100.

	100	1000
Iron Wired. Plain.....	\$0.30	\$2.00
Iron Wired. Painted.....	.40	2.35
Copper Wired. Plain.....	.40	2.35
Copper Wired. Painted.....	.50	2.95
Copper Sheet, wired 30c. doz.; 1.75		
Zinc Sheet, wired. .30c. doz.; 1.75		
Indelible Marking Pencils. Each..	.15	

PAINTED POT LABELS

	P. P. Wt.	per 100	100	1000
4 inch.....	1/2 lb.	\$0.30	\$2.00	
4 1/2 inch.....	1/2 lb.	.35	2.25	
5 inch.....	1/2 lb.	.40	2.45	
6 inch.....	3/4 lb.	.50	3.00	
8 inch.....	2 lbs.	1.40	8.50	
10 inch.....	2 1/2 lbs.	1.90	11.50	
12 inch.....	3 lbs.	2.25	13.65	
18 inch, for field use.....	7 lbs.	5.00	45.00	

Our Garden Tool and Sundries department we believe to be the most fully equipped of any seed store in the United States.

SUNDRIES

Bulb Fibre. Qt., 20c.; 45c. per 1/2 pk.; pk., 75c.; \$1.25 per 1/2 bu.; bu., \$2.00.
Bull Dog Clips. For fastening packages, etc., \$1.00 per box.
Carnation Bands (Rubber). For mending bursted calyx. 30c. per oz.; 1/4 lb., \$1.00.
Carnation Clips (Bawrs). For mending carnations. \$1.00 per 1000.
Carnation Staples (Wire). 50c. per 1000.
Charcoal (Lump). For use in potting. Pk., 60c.; \$2.00 per bu.; bbl. sack, \$3.00.
Charcoal (Ground). Coarse, fine and powdered. Per lb., 8c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 100 lbs., \$4.00.
Cork for Orchids. 50c. per lb.; 10 lbs., \$4.00.
Glass Cleaner. \$2.50 gal.; 5 gals., \$10.00.
Grafting Wax. 1/4 lb., 15c.; 25c. per 1/2 lb.; lb., 45c.
Moss (Green Lump). Pk., 60c.; \$1.50 per bu.; bbl. bag, \$3.00.
Moss (Green Sheet). 1/2 pk., 40c.; 70c. per pk.; bu., \$2.00; \$3.50 per sack.
Moss (Sphagnum, dry). Bbl. bales, \$1.50; \$3.00 per large bale.
Moss (Sphagnum, live). Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.
Peat or Leaf Mould. Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.
Peat, Orchid. Pk., 65c.; \$1.60 per bu.; bbl. bag, \$3.00.
Pebbles. Qt., 10c.; 75c. per pk.; bu., \$2.00; \$4.00 per bbl.
Pruning Compound. Per qt., 85c.; \$2.50 per gal.
Sand. For propagating. Per qt., 10c.; 40c. per pk.; bu., \$1.40; \$3.00 per bbl.
Shadiner. For shading greenhouse glass. 5 lbs., \$1.50; \$3.00 per 10 lb. can.
Soil. For potting. Qt., 10c.; 25c. per 1/2 pk.; pk., 40c.; \$1.40 per bu.; bbl., \$3.00.
Tin Foil (Plain). In 5 and 6-inch widths. 1-lb. pkgs., 20c.; 5 lbs. for 90c.; 5-inch width in 5-lb. rolls, \$1.25. Green and violet in 1-lb. pkgs., 60c. per lb.
Toothpicks. Plain, box, 12c.; 65c. for 6. 10,000, \$3.50.
Toothpicks. 4-inch, wired, green; per 1000, \$1.00; \$3.75 per 4500.
Toothpicks. 6-inch, wired, green; per 1000, \$1.20; \$3.30 per 3000.
Tree Paint (Target Brand). Qt., 85c.; \$2.50 per gal.
Weed Killer. Qt., 55c.; 90c. per 1/2 gal.; gal., \$1.75; \$6.75 per 5 gals.; 30 gals., \$33.00; \$50.00 for 50 gals.
Zementine. For whitewashing and shading. 2 lbs., 35c.; \$1.45 per 10 lbs.
Zinco. For destroying soot and its effects. 60c. per pkg.

All prices on Fertilizers subject to market changes.

Acid or Rock Phosphate (14 per cent.). Apply 1000 lbs. per acre. In 200 lb. sacks only; \$3.25 per 200 lbs.; $\frac{1}{2}$ ton, \$12.50; \$22.50 per ton.

Alphano Inoculant. A soil bacteria used in growing legumes. 1-acre size (2 lbs.), \$1.00; per 10-acre size (20 lbs.), \$8.00.

Anti-Clover Fertilizer (*Michell's*). Prevents the growth of White Clover on Golf Courses. 200 lb. bags only. \$7.50 per 200 lbs.; 1000 lbs., \$37.00; \$72.00 per ton.

Ashes, Hard Wood. Apply 1000 lbs. per acre. Per 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200-lb. bbl.; 1000 lbs., \$18.00; per ton, \$35.00.

Asparagus Fertilizer. Apply 800 lbs. per acre. 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$24.00; ton, \$42.50.

Bacteria, Farmogerm. For all legumes. When ordering, please state for what crop you desire to use it. Price, trial size (for Beans, Peas and Sweet Peas), 50c.; 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00.

Bacteria, Mulford Culture. For inoculating clovers and other legumes. 35c. per trial bottle; $\frac{1}{4}$ acre size, 75c.; \$1.50 per acre size; 5 acre size, \$5.00.

Bacteria, Standard Inoculation. For all legumes. Trial size (supplied only for Garden Beans, Garden Peas and Sweet Peas), 25c.; 50c. per garden size; one acre size, 75c.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.75; \$13.00 per 200 lbs.

Bon Arbor. A concentrated chemical fertilizer used in liquid or powder form. Per 8 oz., 30c.; 60c. per lb.; 5 lbs., \$2.75.

Bone Flour. Finely pulverized and bolted. For rose growing this cannot be excelled. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$8.50 per 200 lbs.; 1000 lbs., \$37.50; \$70.00 per ton.

Bone Meal (*Michell's Special Grade*). We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.40 for 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.; 200 lbs., \$6.75; \$30.00 per $\frac{1}{2}$ ton; ton, \$55.00.

Chrysanthemum Manure (*Thompson's Special*). Used and recommended by the leading private gardeners of England and America. Per 28-lb. sack, \$4.00; \$7.00 per 56-lb. sack.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. 28 lbs., \$4.00; \$6.75 per 56 lbs.; 112 lbs., \$12.50.

Cotton Seed Meal. Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.25; \$29.50 per 1000 lbs.; ton, \$57.50.

Cow or Cattle Manure (*Shredded*). Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Apply 1000 lbs. per acre. \$3.50 per 100 lbs.; 500 lbs., \$16.25; \$30.00 per 1000 lbs.; ton, \$55.00.

Cow or Cattle Manure (*Pulverized*). \$3.50 per 100 lbs.; 500 lbs., \$16.25; \$30.00 per 1000 lbs.; ton, \$55.00.

Grass and Grain Fertilizer (*Michell's*). Splendid for top dressing. Apply 800 to 1000 lbs. per acre. 200 lbs. for \$4.50; \$22.00 per 1000 lbs.; per ton, \$40.00.

Grass Manure (*Michell's*). Highly desirable for Fairways and Putting Greens. 200 lb. bags only. \$7.50 per 200 lbs.; 1000 lbs., \$37.00; \$72.00 per ton.

Hog Manure (*Pulverized*). Put up and sold in 100-lb. bags only; splendid for forcing vegetables and flowering plants, increasing size and yield. Per 100 lbs., \$3.75; \$16.50 for 500 lbs.

Horn Shavings. Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 60c.; \$1.00 for 10 lbs.; 25 lbs., \$2.00; \$3.50 for 50 lbs.; 100 lbs., \$6.75.

Humus (*Alphano Prepared*). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs. for 90c.; \$2.75 per 100 lbs.; 500 lbs., \$12.00; \$18.00 per 1000 lbs.; 2000 lbs., \$32.50. Special prices quoted f. o. b. Alphano, N. J.

Kainit (*Potash Salts*). Apply 800 to 1000 lbs. per acre. Excellent for top dressing asparagus beds, etc. 5 lbs., 30c.; 45c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 100 lbs.; 200 lbs., \$2.75; \$12.00 per 1000 lbs.; ton, \$22.00.

Land Plaster. Apply 1500 to 2000 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 75c.; \$1.10 for 50 lbs.; 100 lbs., \$1.90; \$3.50 for 200 lbs.; $\frac{1}{2}$ ton, \$16.00; \$30.00 per ton.

Lawn Sand (*Climax*). A weed destroyer as well as a fertilizer. 3 $\frac{1}{2}$ lb. tin, 75c.; \$1.35 for 7 lbs.; 14 lbs., \$2.50; \$4.00 per 28 lbs.; 56 lbs., \$6.50; \$12.50 per 112 lbs.

Lime (*Hydrated or Powdered*). Apply one ton per acre. Per 125 lb. sack, \$2.15; \$7.50 per 500 lbs.; 1000 lbs., \$13.50; \$25.00 per ton.

Limestone (*Pulverized*). Apply one ton per acre. Put up in 100-lb. bags, \$1.50 per bag; 500 lbs., \$6.00; \$10.00 per 1000 lbs.; ton, \$17.50.

Limoid. Made from pure lump lime, thoroughly hydrated. 10-lb. pkg., 45c.

Manure (*Fresh Horse, Stockyard and Cow*). At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices on request.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis, equal to 50 per cent. actual potash. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.35; \$2.25 for 50 lbs.; 100 lbs., \$4.25; \$8.00 for 200 lbs.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs., 50c.; 90c. per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.25; \$12.00 per 200 lbs.

Phosphate (*Michell's High-Grade*). For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.25; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.50 per 200 lbs.; $\frac{1}{2}$ ton, \$25.00; \$42.50 per ton.

Phosphate for Corn (*Michell's*). Apply 800 lbs. per acre. \$5.00 for 200 lbs.; per $\frac{1}{2}$ ton, \$21.00; \$38.00 per ton.

Plant Food (*Michell's*). A highly concentrated chemical fertilizer for house, garden or conservatory. Analysis: Nitrogen, 2 $\frac{1}{2}$ %; available phosphoric acid, 7%; potash, 2%. Per 5 oz. pkg., 20c.; 30c. per 12 oz. pkg. Allow for postage if wanted by mail.

Plant Life (*Zenke's*). A liquid plant food, tonic and fertilizer. Per 8 oz., 25c.; \$3.25 per gal.

Poultry Manure (*Pulverized*). A splendid fertilizer rich in ammonia and nitrogen; very quick in action, but should be used cautiously; in 100-lb. bags only, \$3.50.

Potato Fertilizer (*Michell's*). Apply at the rate of from 800 to 1000 lbs. per acre. 25 lbs., \$1.25; \$2.00 per 50 lbs.; per 100 lbs., \$3.00; \$5.50 per 200 lbs.; per $\frac{1}{2}$ ton, \$25.00; \$45.00 per ton.

Poudrette (*Native Guano*). Apply 1000 lbs. per acre. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.; 1000 lbs., \$17.50; \$34.00 per ton.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre in early spring. 25 lbs. for 75c.; \$1.25 for 50 lbs.; \$1.75 per 100 lbs.; 200 lbs., \$2.75; \$12.00 per 1000 lbs.; ton, \$21.00.

Sheep Manure (*Wizard Brand*). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure and gives quick results. 2 lbs., 25c.; 40c. per 5 lbs.; 10 lbs., 65c.; \$1.10 per 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.; 500 lbs., \$16.25; \$30.00 per 1000 lbs.; per ton, \$55.00.

Soot (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of greenhouse plants. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$7.50 per 112 lbs.

Stim-U-Plant. A plant food in tablet form. Per pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets; 1000 tablets, \$3.50.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis equal to 25 per cent. of ammonia. 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.25; \$10.00 per 200 lbs.

Sulphate of Ammonia (*Arcadian*). A concentrated top dressing fertilizer. Analysis: 25 $\frac{1}{4}$ % ammonia or 20 $\frac{3}{4}$ % nitrogen. Price upon application.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 65c. per 10 lbs.; 25 lbs., \$1.40; \$2.50 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.

Tankage. Usually applied to plants such as roses, etc., under glass. Similar to dried blood. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.00 per 200 lbs.

Thomson's Special Flower, Vegetable and Vine Manure. Extensively used where it is desired to force flowers or vegetables. 28 lb. bag, \$3.00; \$5.75 per 56 lbs.; 112 lbs., \$9.50.

Tobacco Stems. 40c. for 5 lbs.; per bu., \$1.00; \$1.75 per bbl. sack; in large bales at 2 $\frac{1}{2}$ c. per lb.; per $\frac{1}{2}$ ton, \$17.00; \$32.50 per ton.

Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. \$5.00 per 200 lbs.; $\frac{1}{2}$ ton, \$22.50; \$42.50 per ton.

Ant Exterminator (Magic). A powder that is used for distributing wherever places are infested with ants. Per $\frac{1}{4}$ lb., 30c.; 50c. per $\frac{1}{2}$ lb.; lb., 80c.; \$3.25 per 5 lbs.

Aphine. For destroying aphids, green fly, thrip, red spider, etc. $\frac{1}{4}$ pt., 25c.; 40c. per $\frac{1}{2}$ pt.; pt., 65c.; \$1.15 per qt.; per gal., \$3.25.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. For use in greenhouses only. Per pkg. of 12 sheets, \$1.00; \$10.00 per case of 12 pkgs.

Arsenate of Lead (Paste). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds. Per lb., 40c.; \$1.65 per 5 lbs.; 10 lbs., \$3.00; \$5.25 per 25 lbs.; 50 lbs., \$8.50; \$15.00 per 100 lbs.

Arsenate of Lead (Powdered). Per lb., 55c.; \$2.25 per 5 lbs.; 10 lbs., \$4.00; \$8.00 per 25 lbs.; 50 lbs., \$15.00; \$26.00 per 100 lbs.

Black Leaf 40. Per 1 oz. bottle, 35c.; \$1.25 per $\frac{1}{2}$ lb.; 2 lbs., \$3.50; \$13.50 per 10 lbs.

Bordeaux Arsenate. A fungicide and insecticide, for fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc., on roses. Per lb., 45c.; \$1.65 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; 50 lbs., \$11.50; \$22.00 per 100 lbs.

Bordeaux Mixture (Paste). Used principally for mildew, blight and fungous diseases. In 5-gal. kegs only, price, \$8.00.

Bordeaux Mixture (Dry Form). Per lb., 30c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 50 lbs., \$7.50; \$14.00 per 100 lbs.

Boro-Wax. For painting trees to destroy and keep away borers. Per qt., 55c.; \$1.85 per gal.; 6 gals., \$10.00.

Bug Death. Largely used instead of Paris Green. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 75c.; \$1.50 per 12 $\frac{1}{2}$ lbs.; 100 lbs., \$8.75.

Carbolineum (Arvenarius). A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., \$1.50; \$7.00 per 5 gals.

Copper Solution. Excellent spray for carnation rust and diseases of the grape, pear, apple, etc. Per qt., \$1.50; \$3.75 per gal.

Cyanegg. For generating Hydrocyanic Acid Gas. Per lb., \$1.00.

Dalmatian or Persian Powder. Per $\frac{1}{4}$ lb., 35c.; 60c. per $\frac{1}{2}$ lb.; lb., \$1.10; \$5.00 per 5 lbs.

Fish Oil Soap. An excellent summer spray, when something stronger cannot be used, where San Jose Scale exists. Per $\frac{1}{2}$ lb., 12c.; 20c. per lb.; 5 lbs., 70c.; \$1.25 per 10 lbs.; 25 lbs., \$2.50; \$4.50 per 50 lbs.; \$8.75 per 100 lbs.

Fish Oil Soap (Good's Caustic). Per lb., 25c.; \$1.10 per 5 lbs.; 25 lbs., \$4.75.

Flyosan. Kills flies and other insect pests; applied with a sprayer. Per pt., 75c.; \$1.25 per qt.; $\frac{1}{2}$ gal., \$2.25; \$4.00 per gal.

Getz There Soap. For washing palms, etc. 2 lbs., 60c.; \$1.75 for 8 lbs.; 25 lbs., \$3.75; 50 lbs., \$7.00.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., \$1.00; \$1.85 per 10 lbs.

Hellebore. For destroying rose bugs, currant worms, and other soft-shelled insects. $\frac{1}{4}$ lb., 20c.; 35c. per $\frac{1}{2}$ lb.; lb., 60c.; \$2.75 per 5 lbs.

Imp. Soap Spray. An all around outdoor and greenhouse insecticide. Per pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$22.50.

Insecticide (Zenke's). A powerful liquid contact insecticide. Per 8 oz., 30c.; \$2.50 per gal.

I X L Compound. An English preparation for spraying. Kills mealy bug, red spider and all insect pests. Per gal., \$6.50.

Kaylox. A powder for destroying leaf eating insects. Per $\frac{1}{2}$ lb., 35c.; 65c. per lb.; 5 lbs., \$2.75; \$5.00 per 10 lbs.; 25 lbs., \$11.00; \$21.00 per 50 lbs.; 100 lbs., \$40.00.

Kerosene Emulsion (Liquid) (Miscible Oil). Dilutes 1 part to 20 parts of water. Per pt., 50c.; 85c. per qt.; gal., \$2.50.

Lemon Oil Insecticide. Effectually destroys mealy bug, scale, thrip and red spider. Per $\frac{1}{2}$ pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.75 per $\frac{1}{2}$ gal.; gal., \$3.00; \$12.00 per 5-gal. keg.

Lime Sulphur. For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring. Per qt., 50c.; 75c. per $\frac{1}{2}$ gal.; gal., \$1.15; \$4.00 per 5 gals.; $\frac{1}{2}$ bbl. (30 gals.), \$12.00; \$15.00 per bbl. (50 gals.).

Lime Sulphur (Dry Powder Form). Per lb., 35c.; \$1.40 per 5 lbs.; 10 lbs., \$2.25; \$4.50 per 25 lbs.; 50 lbs., \$7.75; \$15.00 per 100 lbs.

Mag-O-Tite. Protect crops against the ravages of the root maggot and other garden pests. Per 2 lb., 40c.; 65c. per 4 lbs.; 8 lbs., \$1.10; \$2.75 per 25 lbs.; 100 lbs., \$9.00.

Melrosine. An efficient Rose Bug remedy. Per $\frac{1}{2}$ pt., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per $\frac{1}{2}$ gal.; per gal., \$6.00; \$25.00 for 5 gals.

Mo-Lo. A preparation for destroying and driving away moles. Per pkg., 25c.

Nico-Fume (Liquid). This is used in very much the same way as Nicotidine. Per $\frac{1}{4}$ lb., 75c.; \$2.25 per lb.; 4 lbs., \$8.00; \$15.00 per 8 lbs.

Nico-Fume Paper. A paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Per box of 24 sheets \$1.25; \$5.50 for 144 sheets; 288 sheets, \$10.00.

Nicotine (Hall's) (40%). A preparation for the control of plant lice, etc. 35c. per 1 oz.; $\frac{1}{2}$ lb., \$1.40; \$4.25 per 2 lbs.; 8 lbs., \$15.00.

Nicotine Fumigator (Hall's) (12 $\frac{1}{2}$ %). For fumigating greenhouses. Per 1 lb. size, \$1.25; \$2.50 per 2 $\frac{1}{2}$ lb. size; 10 lb. size, \$8.50.

Nicotine Sulphate. For outdoor spraying only. Per $\frac{1}{2}$ lb., \$1.25; \$3.50 per 2 lbs.; 10 lbs., \$13.50.

Nikoteen (30% solution). One of the best forms of tobacco or nicotine preparations. Per oz., 25c.; 40c. per 1 $\frac{3}{4}$ oz.; $\frac{1}{2}$ lb., \$1.25; \$2.00 per lb.; 4 lbs., \$7.50; \$13.50 per 8 lbs.

Paris Green. Per $\frac{1}{4}$ lb., 18c.; 30c. per $\frac{1}{2}$ lb.; lb., 50c.; \$2.25 per 5 lbs.; \$5.50 per 14 lbs.

P. T. B. (Para-Dichlorobenzine). For peach tree borers. Per 1 lb. can 60c.; \$2.50 per 5 lb. can; 10 lb. can, \$4.00; \$8.00 per 25 lb. keg.; 50 lb. keg, \$15.50; \$29.00 per 100 lb. keg.

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles. Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$2.50; \$5.75 per 25 lbs.; 50 lbs., \$10.00; \$18.00 per 100 lbs.; 300 lbs., \$51.00.

Rat Corn. For destroying rats and mice in green houses, hotbeds, etc. 25c., 50c. and \$1.00 per box.

Readeana Rose Bug Exterminator. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Per trial can, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.

Scalecide. Used for the destruction of the San Jose Scale. Spray during the winter or early spring when the trees are dormant. Per qt., 60c.; \$1.45 per gal.; 5 gals., \$6.45; \$11.00 per 10 gals.; 30 gals., \$27.00; \$39.50 per 50 gals.

Scale Destroyer (Soluble Oil). For San Jose Scale; 1 gal. dilutes to 20 gals. water. Per qt., 65c.; \$1.60 per gal.; 5 gals., \$7.00.

Shoo Fly. For keeping flies off cattle and horses. Per qt., 50c.; \$1.35 per gal.

Slug Shot. Per 1-lb. canister, 18c.; 60c. per 5 lbs.; 10 lbs., \$1.15; \$2.75 per 25 lbs.; 100 lbs., \$10.50; full barrel lots (about 250 lbs.), 9 $\frac{1}{2}$ c. per lb.

Sulco-V. B. Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 35c.; 60c. per qt.; $\frac{1}{2}$ gal., \$1.10; \$2.00 per gal.; 5 gal., \$7.00.

Sulphur Candles. Large, 30c. each; per doz., \$3.00; small, 20c. each; per doz., \$2.00.

Sulphate of Copper. For destroying fungus diseases of all kinds. Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.50 per 25 lbs.; 100 lbs., \$9.00.

Sulphur. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$2.00 per 25 lbs.; 100 lbs., \$7.50.

Thrip Juice (Hammond's No. 2). Per pt., 85c.; \$1.40 per qt.; gal., \$4.25.

Tobacco Dust (for dusting only). Per lb., 10c.; 40c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.

Tobacco Dust (special dusting or fumigating). A specially prepared article. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$1.75 per 25 lbs.; 50 lbs., \$3.25; \$6.00 per 100 lbs.

Tobacco Soap (Sulpho). For washing and spraying plants; dissolve in warm water. Per 3 oz., 15c.; 25c. per 6 oz.; 10 lbs., \$3.50.

Tobacco Stems (Fresh). Per lb., 10c.; 40c. per 5 lbs.; bushel, \$1.00; \$1.75 per bbl. sack; large bales at 2 $\frac{1}{2}$ c. per lb.; $\frac{1}{2}$ ton, \$17.00; \$32.00 per ton.

Tree Bands (Standard). Protects trees, etc., against worms, caterpillars, etc. Per 25 foot roll, \$1.75; \$6.75 per 100 foot roll.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Per lb., 50c.; \$2.40 per 5 lbs.; 10 lbs., \$4.50; \$8.75 per 20 lbs.; 25 lbs., \$10.50.

Worm Killer (for Earth Worms). A powder which is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be destroyed. It acts as a fertilizer as well as worm destroyer. Per 112 lb. bag, \$8.50; \$39.00 per 560 lbs.; 1120 lbs., \$72.00; \$135.00 per 2240 lbs.

Worm Eradicator (Reade's Electric). Effectually destroys worms in greenhouse benches and in potted plants or outdoors in the garden. \$1.00 per 24 oz.; gal., \$4.00.

Worm Killer (Reade's). For earth worms on lawns, etc. In 100 lb. bags only. Price upon application.

Zenoleum. A germicide and disinfectant. Per $\frac{1}{2}$ pt., 35c.; 75c. per qt.; $\frac{1}{2}$ gal., \$1.25; \$2.00 per gal.; 5 gal. can, \$9.50.

Lamps for Vaporizing Nicotine Solutions. 85c. each.

MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan

Earthen
Fern PanFern Dish
Liner

Seed Pan

Wood Fibre
Flower Vase

Cedar Tub

Keystone Tub

Earthen
Flower PotAzalea
PotEarthen
Bulb PanEarthenware
SaucerWood Fibre
Saucer

Rolling Stand

CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

No.	Inside Diam.	Each
No. 0.....	24 3/4 in.	\$11.15
No. 1.....	23 3/8 "	9.90
No. 2.....	21 3/8 "	8.85
No. 3.....	18 1/8 "	7.20
No. 4.....	16 1/2 "	5.85
No. 5.....	14 7/8 "	5.50
No. 6.....	12 7/16 "	4.20
No. 7.....	11 3/4 "	3.70
No. 8.....	10 1/16 "	3.20

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 30c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each
No. 1.....	6 in.	6 in.	\$0.70
No. 2.....	7 "	7 "	.75
No. 3.....	8 "	8 "	.80
No. 4.....	9 "	9 "	.85
No. 5.....	10 "	9 "	.95
No. 6.....	11 "	10 "	1.25
No. 7.....	12 "	11 "	1.50
No. 8.....	13 "	12 "	1.90
No. 9.....	14 "	13 "	2.20
No. 10.....	15 "	14 "	2.35
No. 11.....	16 "	15 "	2.70
No. 12.....	17 "	16 "	3.15
No. 13.....	18 "	17 "	3.75
No. 14.....	19 "	18 "	4.50

ROLLING STANDS for Tubs, Pots, etc.

Ins.	Weight	Pot	Tub	Each
12	2 lbs.	10 in.	No. 8	\$1.00
14	2 1/2 lbs.	12 in.	No. 8	1.25
18	3 1/2 lbs.	16 in.	No. 7-6	2.00
22			No. 4	2.50

PAPER FLOWER POTS

Ins.	Parcel Post	Weight			
Diam.	per doz.	per 100	per doz.	100	1000
2 1/4	3 ozs.	2 lbs.	\$0.12	\$0.50	\$4.45
2 1/2	3 "	2 "	.15	.60	5.15
3	5 "	2 "	.18	.80	7.05
3 1/2	7 "	3 "	.20	1.00	9.15
4	8 "	4 "	.25	1.30	11.40
5	15 "	7 "	.30	2.00	17.75
6	2 lbs.	11 "	.45	2.70	21.75

AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4 1/2 in.	\$0.07	\$0.65	\$4.86
6 "	5 "	.09	.98	7.29
7 "	6 "	.15	1.62	12.15
8 "	7 "	.22	2.34	17.55
9 "	7 1/2 "	.33	3.60	27.00
10 "	8 "	.45	4.86	36.45
12 "	10 "	.91	9.90	74.25

FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.22	\$2.16	\$14.40

SEED PANS (Earthenware)

	Each	Doz.
6 inches square.....	\$0.83	\$9.00
8 " " " " " " " " " " " "	1.11	12.06
10 " " " " " " " " " " " "	1.38	15.12
12 " " " " " " " " " " " "	1.65	18.00

EARTHEN BULB PANS.

	Each	Doz.	100
6 inches diam.....	\$0.09	\$0.98	\$7.29
7 " " " " " " " " " " " "	.15	1.62	12.15
8 " " " " " " " " " " " "	.22	2.34	17.55
9 " " " " " " " " " " " "	.33	3.60	27.00
10 " " " " " " " " " " " "	.45	4.86	36.45
12 " " " " " " " " " " " "	.91	9.90	74.25
14 " " " " " " " " " " " "	1.48	16.20	121.50

WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	\$1.90	\$21.00
1	5 1/2 "	10 "	2 1/2 "	1.65	18.00
2	4 1/2 "	9 "	1 1/2 "	1.55	16.80
3	4 "	6 "	1 1/2 "	1.35	14.40
4	3 "	4 1/2 "	3/4 "	1.10	12.00
00	9 "	21 "	6 "	5.80	63.00
11	5 "	18 "	4 "	2.20	24.00
22	4 1/2 "	15 "	2 "	2.10	22.80
33	4 "	12 "	2 "	1.75	19.80
44	3 "	9 "	1 "	1.45	15.60

CUT FLOWER VASES

(Galvanized Iron)

No.	Top Diam.	Depth	Cap.	Each
65	7 1/2 in.	8 in.	8 Qt.	\$0.50
66	8 3/4 "	10 "	10 "	.65
67	7 3/4 "	12 "	12 "	.75
68	8 3/4 "	12 1/2 "	14 "	.85
69	8 3/4 "	18 "	16 "	1.00

EARTHEN FLOWER POTS

Height and	Width inside	Each	Doz.	100	1000
1	1 inch.....	\$0.02	\$0.17	\$1.22	\$11.48
2	" " " " " " " " " " " "	.02	.18	1.02	9.56
2 1/4	" " " " " " " " " " " "	.02	.18	1.16	10.84
2 1/2	" " " " " " " " " " " "	.02	.18	1.35	12.75
3	" " " " " " " " " " " "	.03	.24	1.76	16.58
3 1/2	" " " " " " " " " " " "	.03	.29	2.16	20.40
4	" " " " " " " " " " " "	.04	.36	2.70	25.50
4 1/2	" " " " " " " " " " " "	.06	.49	3.65	34.43
5	" " " " " " " " " " " "	.07	.65	4.86	45.90
5 1/2	" " " " " " " " " " " "	.08	.81	6.08	57.38
6	" " " " " " " " " " " "	.09	.98	7.29	68.85
6 1/2	" " " " " " " " " " " "	.13	1.30	9.72	91.80
7	" " " " " " " " " " " "	.15	1.62	12.15	
8	" " " " " " " " " " " "	.22	2.34	17.55	
9	" " " " " " " " " " " "	.33	3.60	27.00	
10	" " " " " " " " " " " "	.45	4.86	36.45	
11	" " " " " " " " " " " "	.66	7.20	54.00	
12	" " " " " " " " " " " "	.91	9.90	74.25	
14	" " " " " " " " " " " "	1.48	16.20	121.50	

EUREKA POT HANGERS

15c. each; doz., \$1.50; \$11.00 per 100.

KRICK POT HANGERS

No.	Each	Doz.
No. 1.....	\$0.06	\$0.60
No. 2.....	.07	.70
No. 3.....	.08	.80

WOODEN ORCHID BASKETS (Square)

	Each	Doz.
4 inch.....	\$0.50	\$5.00
10 " " " " " " " " " " " "	.75	7.50
12 " " " " " " " " " " " "	1.00	10.00

ORCHID PANS (Round) (Earthen)

	Each	Doz.
4 inches diam.....	\$0.35	\$3.50
6 " " " " " " " " " " " "	.45	4.50
8 " " " " " " " " " " " "	.55	5.50
10 " " " " " " " " " " " "	.75	8.00
12 " " " " " " " " " " " "	1.25	12.00

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.06	\$0.54	\$4.05
4 3/4 "	2 1/8 "	.07	.72	5.40
5 1/2 "	2 1/4 "	.09	.90	6.75
6 1/4 "	2 1/2 "	.10	1.08	8.10
7 "	2 5/8 "	.12	1.26	9.45
8 "	3 3/8 "	.17	1.80	13.50
9 "	3 1/4 "	.20	2.16	16.20

EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches.....	\$0.03	\$0.27	\$2.03
5 " " " " " " " " " " " "	.04	.36	2.70
6 " " " " " " " " " " " "	.06	.54	4.05
7 " " " " " " " " " " " "	.07	.72	5.40
8 " " " " " " " " " " " "	.10	.99	7.43
9 " " " " " " " " " " " "	.14	1.35	10.13
10 " " " " " " " " " " " "	.15	1.62	12.15
11 " " " " " " " " " " " "	.19	1.98	14.85
12 " " " " " " " " " " " "	.23	2.43	18.23
14 " " " " " " " " " " " "	.37	4.05	30.38

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

	Parcel Post	Weight	Each	Doz.
5 inches.....	1/4 lb.		\$0.39	\$4.20
6 " " " " " " " " " " " "	1/4 "		.42	4.50
7 " " " " " " " " " " " "	1/2 "		.46	5.00
8 " " " " " " " " " " " "	1/2 "		.51	5.50
9 " " " " " " " " " " " "	3/4 "		.55	6.00
10 " " " " " " " " " " " "	3/4 "		.59	6.50
12 " " " " " " " " " " " "	1 1/4 lbs.		.66	7.20
14 " " " " " " " " " " " "	1 1/2 "		.92	10.00
16 " " " " " " " " " " " "	2 "		1.57	17.00
18 " " " " " " " " " " " "	2 1/2 "		1.84	20.00
20 " " " " " " " " " " " "	4 "		2.30	25.00

Larger sizes can be furnished as complete rolling stands only.

NOTE.—Earthenware cannot be packed for shipment by Parcel Post.

ORDER NO.

Ship To (Please prefix)
NAME (Mr., Mrs. or Miss) _____ c/o _____

Street _____ P. O. Box _____

Post Office _____ R. F. D. No. _____

Freight or
Express Address _____

County _____ State _____

Charge to _____ Charge Address _____

Please DO NOT Write in Space Above

Gardener's or Superintendent's Name _____

[illegible]

Shipped Via and Date_____

IF OUT OF VARIETY ORDERED HAVE WE YOUR PERMISSION TO
SUBSTITUTE EQUAL OR BETTER IN NEAREST WE CAN SUPPLY?

Answer

[illegible]

HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.



MICHELL'S LIQUID WEED KILLER

An effective combination of high-grade chemicals which, diluted in water, destroys the roots as well as the tops of all weeds and vegetation to which it is applied.

One gallon diluted is sufficient to cover 100 to 125 square yards; and one or two applications are sufficient for an entire season. Does not injure marble, cement or fencing. The best time for applying is just after a rain.

MICHELL'S CLIMAX LAWN SAND FOR USE ON LAWNS AND GRASS PLOTS

"Climax Lawn Sand" is a unique combination of finely ground chemicals, which, when sprinkled over the grass, possess the remarkable property of destroying Moss, Chickweed, Plantains, Dandelion, and all other weeds on Lawns, Tennis Courts, Golf Greens, etc., at the same time promoting the growth of the finer grasses.

"Climax Lawn Sand" may be applied any time during the growing season of the year, namely, from beginning of April to the end of October.

The lawn must be absolutely dry; by that is meant that no rain or dew must be visible on the grass.

Ten to twelve a. m. during the months of April, May and October, nine to twelve a. m. during June, July, August and September are the best hours for application.

Only apply in **fine** weather when the temperature is fairly high and when no rain appears likely for a day or two. **This is most important.**

After applying, the weeds blacken and die; the grass usually also becomes blackened and may remain so for a few days, but it quickly recovers its color, and young growths appear on the bare spots previously occupied by the weeds.

Should the weather be very hot and dry, the lawn should be thoroughly watered at the expiration of 48 hours after the application.

It acts as one of the most powerful fertilizers for grasses if applied as a top-dressing in the early spring. For top dressing as a fertilizer apply $\frac{1}{4}$ ton per acre.

Quantity Required as a Weed Destroyer

	Price	
3½ lbs. will dress 150 square feet....	\$0.75	
7 lbs. will dress 250 square feet....	1.35	
14 lbs. will dress 500 square feet....	2.50	
28 lbs. will dress 1000 square feet....	4.00	
56 lbs. will dress 2000 square feet....	6.50	
112 lbs. will dress 4000 square feet....	12.50	
		Allow for Postage if desired by Mail.

Prices of Michell's Weed Killer

Per quart, makes 41 quarts.....	\$0.55
Per ½ gallon, makes 20½ gallons.....	.90
Per gallon, makes 41 gallons.....	1.75
Per 5-gallon can, makes 205 gallons.....	6.75
Per 30-gallon can, makes 1230 gallons.....	33.00
Per 50-gallon can, makes 2050 gallons.....	50.00

MICHELL'S IMPROVED GRAPE BAGS



Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached and last a season. The fruit ripens just as readily in them as it does in the open. The bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected), against blight or fungus; the bags should be left attached until the fruit is ready to harvest.

If desired by mail please add for postage to the prices below as noted.

	Weight for mail per 100	100	1000
2 lb. size.....	1½ lbs.	\$0.60	\$5.00
3 lb. size.....	1½ lbs.	.70	5.75
4 lb. size.....	1½ lbs.	.75	6.50

ERADO WEED GUN

As handy as a cane, which it resembles. Fill the reservoir, which holds about 2 quarts of liquid, with some weed destroying preparation, diluted. It will destroy weeds of all kinds in lawns without hurting the grass. Press the sharp point of the gun into the heart of the weed until the flat stay pieces touch the ground, when a quantity sufficient to kill is discharged into the heart of the plant which is destroyed for all time. Galvanized iron. (See cut.) Price, \$1.25. Parcel Post weight, 2 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO., 518-516 MARKET ST., PHILADELPHIA, PA.

MICHELL'S GRASS SEEDS for Every Purpose

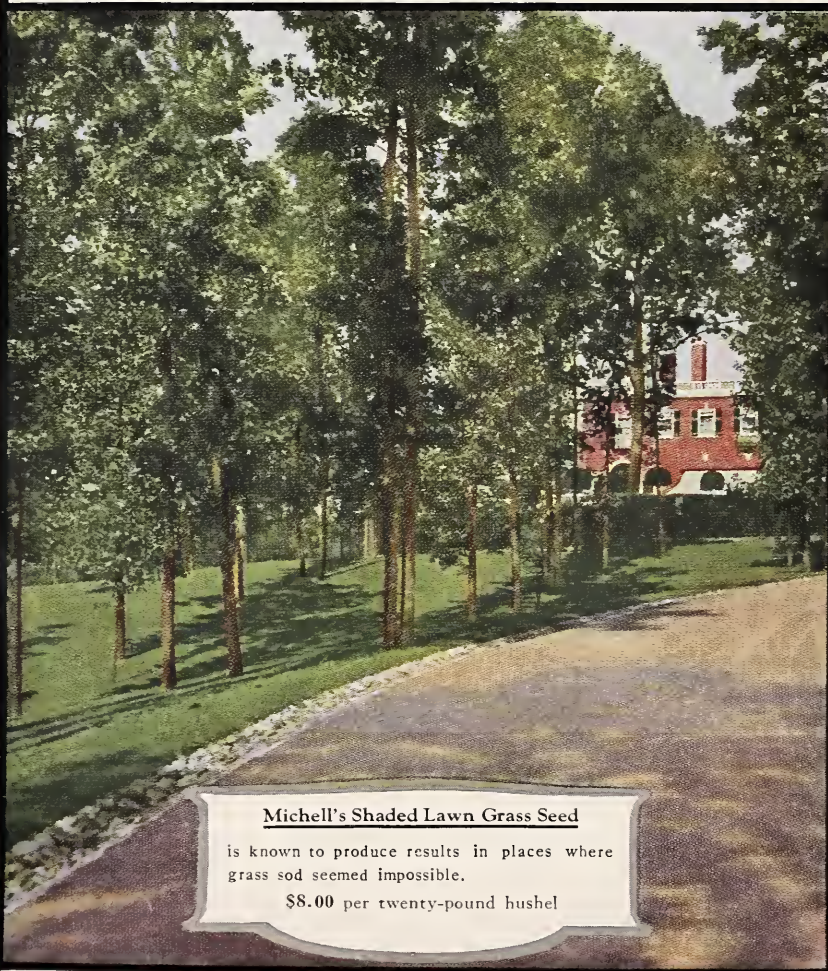


Michell's Green Velvet Grass Seed

is undoubtedly the best value at the price to be found anywhere. The formula is based on experience and tests and is being constantly improved where possible.

\$8.00 per twenty-pound bushel

(Picture taken at Newport, R. I.)



Michell's Shaded Lawn Grass Seed

is known to produce results in places where grass sod seemed impossible.

\$8.00 per twenty-pound bushel



Michell's Seashore Grass Seed

thrives under a variety of seashore conditions, which usually are hard to meet with the ordinary mixtures of grass seed.

\$8.00 per twenty-pound bushel

(Picture taken on North Side of Long Island)

HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., PA.